friendly AGGRESSIVE

Traditional MODERN

feminine MASCULINE

calm Chaotic



















Type is important

- Type conveys information
- Good type usage isn't just a matter of aesthetics, it's a matter of strong legible communication.
- Eg: highway sign, prescription packages design.

Need to be read clear at night, raining or serious weather conditions



Need to be read by people with all ages.



Bad design, hard to read.

Need to be read by people with all ages.



Typographic elements interacts.

- They exist in a relationship to one another.
- They must be balanced in size, weight, position, orientation...



SERIFS

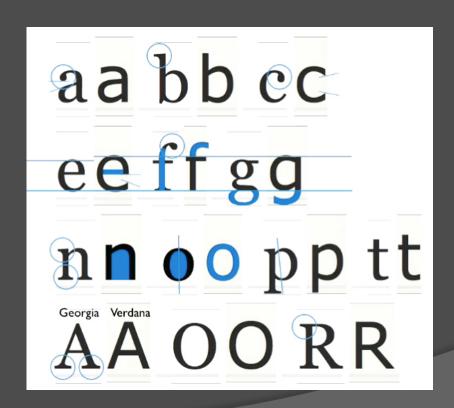
With little feet

SANS SERIF

Without little feet

aabbcc
eeffgg
nnoopptt
AAOORR

Compare Georgia & Verdana

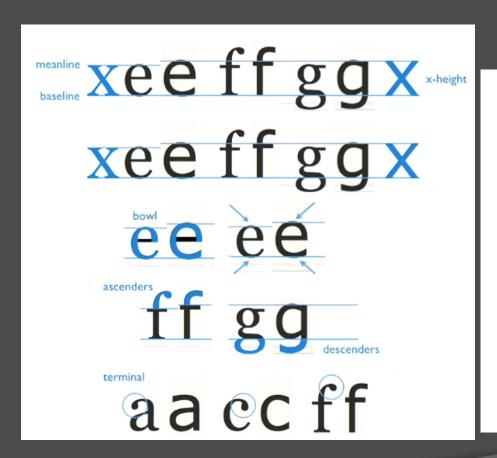


Serif

aabbcc
eeffgg
nnoopptt
AAOORR

Sans Serif







SERIFS

Baskerville	Georgia
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Big Caslon Goudy Oldstyle

Century Adobe Jensen

Cochin Modern No. 20

Courier Palatino

Didot Times New Roman

Garamond Warnock Pro

SLAB SERIF

American Typewriter
ITC Lubalin Graph

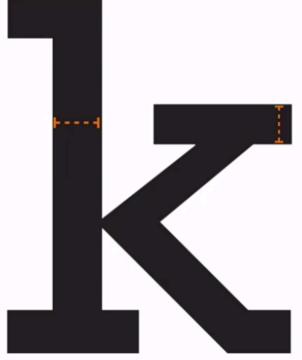
Memphis

Rockwell

Serifa

Stymie

Vitesse



ERIF S SANS

Century Gothic

Eurostile

Franklin Gothic

Futura

Gill Sans

Helvetica

Interstate

Kabel

Myriad

News Gothic

Optima

Skia

Stone Sans

Verdana

https://typekit.com/

Classification ?



Sans Serif



Serif



Slab Serif



Script



Blackletter



Mono



Hand



Decorative

https://typekit.com/

Sans serif Without serifs

Serif With serifs

Slab serif Thick, block-like serifs

Script Flowing or calligraphic

Blackletter Gothic script, "Old English"

Monospaced Fixed-width

Hand Handwritten or handmade

Decorative Swashes, distressed, irregular

https://typekit.com/

Weight Thickness of the strokes

Width Width of the letterforms

x-height Ratio of lowercase height to height of capitals

Contrast Ratio of thin strokes to thick strokes

Standard Upper and lowercase letters, as in "Type"

All caps All capitals or small capitals, as in "TYPE"

Lower Lowercase numbers with a variable baseline

Upper Uppercase numbers with an even baseline

TEXT TYPE

Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is designed to be read in large quantities at small sizes. Text type is

DISPLAY TYPE

Display type
is designed
to be read in
small quantities
at large sizes.

Text type: effortless to read

- Goal: smooth reading
- No conscious effort at all to see the shapes of the letters.
- Common treats:
 - Open spaces in side the letters.
 - Body height is tall
 - Rhythmic and repetitive shapes
 - Medium weight.

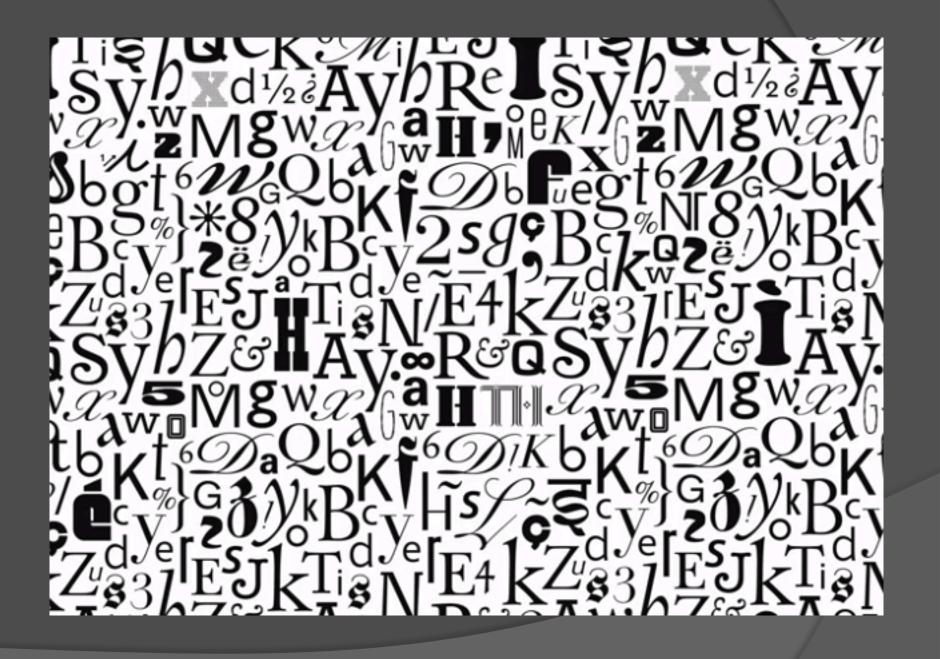
Text typefaces have common characteristics

Text typefaces have common characteristics baskerville

Text typefaces have common characteristics ADOBE GARAMOND PRO

Display text

- Unique form to announce and amplify its content
- Should be used in a small quantities and with restraint
- A little intense sweetness goes a long way



Type classification beyond just serif and sans serif

Oldstyle

Text typefaces have common characteristics ADOBE CASLON PRO

Text typefaces have common characteristics BASKERVILLE

Text typefaces have common characteristics ADOBE GARAMOND PRO

- Created between the late 15th century and the mid 18th century.
- They have low contrast between thick and thin strokes
- They have the long senders and descenders
- Within the body they have smallish spaces.

Transitional

Caslon Sabon Bembo Garamond

- Transitional represents the stylistic bridge between Oldstyle and MODERN, mid 18th Cen
- Higher contrast between thick and thin strokes
- Stress, it is an imaginary line connecting the thinnest parts of an O, is more vertical

Modern

Bodoni Didot Modern No. 20

- Appearance in the late 18th century
- Extreme contrast between thick and thin strokes
- The ultra thin un-bracketed serifs

Slab Serif

Rockwell Memphis Serifa Vitesse

- Emerged in the mid 18th century
- Useful for advertising and signage, because of their weight and strong presence.
- characteristic of Slab Serif is the lack of contrast between strokes.

Gothic (Grosteque)

News Gothic Helvetica Univers Verdana

- Have slight variations in stroke width
- The letters are fairly wide
- The rounded letters are often a bit squared off

Humanist

Gill Sans Myriad Optima

 Humanist has the proportions of classical Roman letters. Geometric

Futura Kabel Century Gothic

- They are based on the Geometric forms of the circle, square, and triangle.
- Reflects the modernist movement of the early 20th century.

Classify font types

- Venetian has a look created by human hand
- Old style type writer look, printing technology
- Transitional increased contrast between thin/thick strokes.
- Modern exaggerated contrast between thin/thick strokes, and flat serif.
- Slab serif usually with strict geometry structure.
- Other serif fonts booming of web font design
- San serif don't have serif
- Geometric sans based on circles, or triangles
- Humanist Sans various thickness, have a humanist feeling.
- Hand writing

Develop a Style Guide

Typography

- No bad fonts, just inappropriate fonts
- Readable and accessible
- Style
- Selection of the font group and when to choose which

Pairing fonts

Harmony – common physical feature Contrast – not too similar, some differences Use different font identify hierarchy In many cases you might be better off selecting just one Typeface which has a large family of variations.

One Large Family

Helvetica Neue Thin Condensed Helvetica Neue Ultra Light Condensed Helvetica Light Condensed Helvetica Neue Condensed Helvetica Neue Medium Condensed Helvetica Neue Bold Condensed **Helvetica Neue Heavy Condensed Helvetica Neue Black Condensed** Helvetica Neue Extra Black Condensed In many cases you might be better off selecting just one Typeface which has a large family of variations.

Helvetica Neue Thin Helvetica Neue Ultra Light Helvetica Light Helvetica Neue Roman Helvetica Neue Medium Helvetica Neue Bold **Helvetica Neue Heavy Helvetica Neue Black**

Pairing fonts

- A common situation is: body text + headlines.
- Your Text Type choice will most likely be a Serif text face.
- So for contrast, you will want to look for something like a Sans Serif that has a variety of bold weights.



Ī

help power the Fisker

Karma.

Look

Keeping your gas tank off E

morroos, nocroos... You hear it every time you hit the pump-the sound of the Oil Age-drying. up. Even if America stabilized Iraq, expanded offshore-drilling, and mended fences with Venezuelan President Hugo Chiver, it wouldn't change the fact that oil is a limited natural resource. With demand outpacing supply (\$4 per gallon, \$5 per...), it's time to hawk your Hummer and pimp a fuel-efficient ride like the lithium ion battery-operated Fisker Karma (starting at \$80,000; followate merior.com), a luxury hybrid sedan capable of 0-60 mph in 5.8 seconds and of traveling up. to 50 miles before the conventional engine kicks in. Backed by the guys who were early investors in Netscape and Google, the Fisker Karma is a glimpse of the future (look for limited production models in late '05). Good thing, too. The clock goes ticktock.

Conundrum

Time is running out for enrollment in GBCI's credential maintenance program, but many are still confused.

When the Green Building Certification Institute (GBCI) launched the Credential Maintenance Program (CMP) in fall 2009, it gave existing or "legacy" LEED APs a choice. They had two years to opt in to the CMP and enjoy the cachet of a new LEED AP+ "specialty" credential. Or they could let the opt in period pass and retain their regular LEED AP credential, while also avoiding a 550 biennial fee and 30 hours of continuing education (CE) requirements.

With that two-year period almost halfway over (it ends in September 2011), many LEED APs are hearing the clock tick and trying to figure out where they fit into the new program. People who are not already LEED APs have to pass the new exam to qualify. Their options are to sign up for the LEED AP+ credential, or the new "Green Associate" credential, for people who want to demonstrate familiarity with LEED but won't be working directly on LEED projects.

As the sustainability leader for Anshen + Allen and its 75 plus LEED APs, Mara Baum, AIA, has taken responsibility to "guinea pig" the new system and provide pointers to her colleagues. Raum sees legacy LEED APs falling into two camps. The first are sustainability leaders like her who are immersed in LEED projects and committees. For this group, staying up to date on LEED is part of the job, and "the continuing education requirements are little more than what we would be doing anyway." Opting in is an easy choice. On the other side, Baum sees a large group of professionals who for one reason or another may not encounter CE opportunities in the course of their work, or for whom demonstrating that they're completely up to date with the specialty credential may not be necessary. Baum predicts that many in this group will not opt in to the new system. They won't lose their LEED AP credential, and if their situation changes in the future and they want the specialty, they could always take the exam.

Many professionals fall between those two groups, and may want to opt in to the specialty credential



but will need to go through extra work and expense. For them, Baum suggests waiting to see if they find themselves in a situation that earns them the required learning hours. "One reason I might recommend someone opt in now is if they're currently working on a LEED project or about to attend a convention with a lot of CMP options," says Baum.

Baum also points out that there are plenty of cheap-ways to earn credits, like authoring a published article or performing committee or volunteer work (half-hour per meeting, more for leadership). Baum. also recommends the "Netflix" approach, by reporting self-study hours from watching sustainability related movies. ("Blue Vinyl" is on Baum's recommended list.) There are many options for earning hours, including taking a CE exam in this magazine, but there are limits on how many of the 30 hours may come from any one source. GBCTs "Credential Maintenance Program Guide," at www.GBCLovy. spells it out.

Once opted in, LEED APs must tackle distribution requirements of the initial two-year reporting period. Since legacy LEED APs can skip the newer. tougher exam, GBCI requires them to spread their initial 30 hours across different topics such as water management, indoor environment, and energytopics requiring expertise to pass the exam.

LEED APs can log on to "My Credentials" on sewer. GBCLorg to see their status, including the enrollment period, and to enroll in a specialty credential via testing or continuing education. For more of Baum's advice, a recorded presentation is available at urusu. LEEDwornson/CMP. III

MANY OPTIONS FOR EARNING HOURS, BUT LIMITS ON HOW MANY OF THE 30 HOURS MAY COME FROM ANY ONE SOURCE.

THERE ARE

A common mistake in combining Typefaces who have very different yet Strong Stylistic details.

They conflict with one another, and looking very unhappy together.

Stylistic Conflict

Eurostile Cochin

Pairing fonts

- Choose one simple piece and one complex piece work well, that way the stylistic details of both can be appreciated.
- Choosing two simple pieces of Typefaces works well too.
- Differentiation is the key: the elements should compliment one another.
- Let good taste be your guide.

"The task before us is simple to make beautiful letters and to arrange them well."

Edward Johnston, the father of modern calligraphy

kerning tracking Lleading point size typeface Raskerville, Helvetica, Funtra, Caslon justification line width Kerning is the adjustment of the spaces between two specific letters.



Kerning is the adjustment of the spaces between two specific letters.



Tracking is an overall adjustment of space applied equally to a word, a line, or a passage of text.

widows

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Orphans

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Gaps and Rivers of space

Four score and seven years ago our fathers brought forth on this continent a new nation, conceived in liberty, and dedicated to the proposition that all men are created equal.

Now we are engaged in a great civil war, testing whether that nation, or any nation, so conceived and so dedicated, can long endure. We are met on a great battlefield of that war. We have come to dedicate a portion of that field, as a final resting place for those who here gave their lives that that nation might

live. It is altogether fitting and proper that we should do this.

But, in a larger sense, we can not dedicate, we can not consecrate, we can not hallow this ground. The brave men, living and dead, who struggled here, have consecrated it, far /above our poor power to add or detract. The world will little note, nor long remember what we say here, but it can never forget what they did here. It is for us the living, rather, to be dedicated here to the unfinished work which

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Flush left, rag right

Not good for lengthy reading because the eye will have a hard time finding the next line on the left

But, in a larger sense, we can not dedicate, we can not consecrate, we can not hallow this ground. The brave men, living and dead, who struggled here, have consecrated it, far above our poor power to add or detract. The world will little note, nor long remember what we say here, but it can never forget what they did here. It is for us the living, rather, to be dedicated here to the unfinished work which they who fought here have thus far so nobly advanced. It is rather for us to be here dedicated to the great task remaining before us-that from these honored dead we take increased devotion to that cause for which they gave the last full measure of devotion-that we here highly resolve that these dead shall not have died in vain-that this nation. under God, shall have a new birth of freedomand that government of the people, by the people, for the people, shall not perish from the earth.

Flush right, rag left

Justified

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Most used on an invitation Not good for lengthy reading

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Centered

Random arrangements can be visually exciting, not good for lengthy reading.

Type can be set in curves, patterns or shapes for dramatic effect.

But, in a larger sense, we can not dedicate, we can not consecrate, we can not hallow this ground.

The brave men, living and dead, who struggled here, have consecrated it, far above our poor power to add or detract.

> The world will little note, nor long remember what we say here, but it can never forget what they did here.

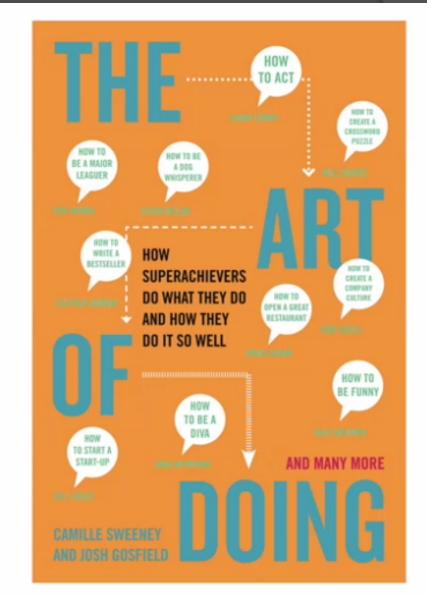
It is for us the living, rather, to be dedicated here to the unfinished work which they who fought here have thus far so nobly advanced.

It is rather for us to be here dedicated to the great task remaining before us—

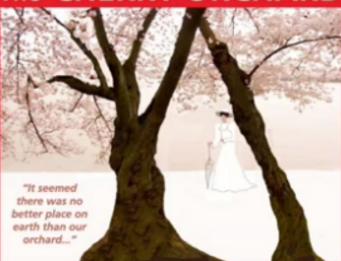
that from these honored dead we take increased devotion
to that cause for which they gave the last full measure of devotion—
that we here highly resolve that these dead shall not have died in vain—
that this nation, under God, shall have a new birth of freedom—
and that government of the people, by the people, for the people,
shall not perish from the earth.

Random or mixed

Selecting the proper alignment or mix of alignments will help your reader navigate and can add a dynamic quality to your layouts.



Walking the dog Theater in Anton Chekhov's The CHERRY ORCHARD





PERFORMANCE SPACES FOR THE 21st CENTURY

12 performances Thursdays-Sundays July 5—22 directed by David Anderson with original music by Jonathan Talbott

Lily Balsen * / Glenn Barrett / Paul Boothroyd Lora Lee Ecobelli * / Josephine Elwood oseph Freeman / Simon Frishkoff / Kevin Kilb / Phillip X Levine abriel Rodriguez / John Romualdi * / Nancy Rothman * David Wade Smith / Natalie Li-Ting Wong

* Member, Actors' Equity Association previews: July 5, 6, 7 & 8

2980 ROUTE 66

1 MILE NO. OF CHATHAM VILLAGE VISIT PS21CHATHAM.ORG FOR COMPLETE PROGRAM INFO

their recurrence. But we often don't.

Post-Columbia, Robin Dillon-Merrill and Catherine Tinsley, two researchers at Georgetown's McDonough School of Business, have been attempting to figure out. how our near-miss blind spot really works. In one study, they asked NASA employees and MBA students to rank different versions of a mission scenario. One described a highly successful project; the other project nearly self-destructed but was ultimately saved by a lucky break. Regardless, subjects ranked both missions as equally well-done. Why? Most of us grade outcomes in binary terms. Success is good. Failure is bad. 'People don't learn from a near miss, they just say. 'It worked, so let's do it again," Dillon-Merrill says. Other studies have shown that the more often someone gets away with risky behavior, the more likely they are to repeat it:

combined it with in-flight mechanical information and terrain maps of areas planes generally fly over (and around). The resulting visualization let them easily spot common, potentially dangerous errors. Airlines then make a variety of corrections, such as charting a longer descent into a turbulent airport. (Indeed, the FAA has seen an \$3 percent drop in fatalities over the past decade. in part from preemptive fixes.)

The more reports, the better. According to the Process Improvement Institute, a risk analysis firm, across many industries there are between 50 and 100 near misses recorded per serious accident, and about 10,000 smaller errors occur during that time. To keep the intel-coming, though, institutions need to embrace people's baser instincts. People may be keen to report near misses right after an accident but are prone to falling

out of the habit. In a recent analysis of NASA flight data from real missions, researchers found reporting of safety issues spiked after Columbia but then dropped off-except. for extremely high-profile missions where everyone

to combat this is to change how missions are talked about internally. In a follow-up test at Georgetown using fictional incidents. researchers found that NASA personnel and MBA student test subjects were both more likely to grade-close calls realistically if they were told beforehand that NASA is 'highly visible" and "safety first."

Most accident investigations work backward to determine the causes. A more effective way to curtail disasters is to get better at spotting the near miss. One great success in near-miss awareness is Dow Chemical. The company has seen an 80 percent drop in serious accidents since it started a new program to push close-call reporting. The company is proof that modern disaster prevention can and should be about stopping trouble before it strikes, not cleaning up afterward. III Ben Paymer (paymer bendigmail.com) also writes



QUICKSAND



It's less dangerous than you think. Quicksand never swellows people whole; the human body is tee buryant. That said, thrashing about will only tighten the quicksand's grip. Physicists and geologists advise wiggling your legs slewly to form peckets of air and water around you until there's reem to pry yourself free and climb out.



It has only one constant, and it's net send. Quicksand is just a eneric term for a naturally occurring viscous pit that you can get stuck in. It can have clay or silt in addition to-and sometimes even instead of-sand. Water is generally a must, so quistinged in much more common near bags, marshes. and everype than, say, deserts.



Indy's quicksand dip might have been possible. Or not The science is Iffy when it comes to his encounter with a "Viry sand pit" in Kingdom of the Crystel Skull. Physicists have created se-called dry quickward by mating very fine grains of sand with a controlled airflow instead of water (an object placed on sand that has lets of air between its grains will sink). But the jury is still out on whether it could happen in nature and not just much-maligned sequels. -- Marco Calevita

with risky behavior, the more likely you are to repeat it.

The more you get away

there is a sort of invincibility complex. For knew the world would be watching. One way ego protection reasons, we like to assume that past events are a product of what we controlled rather than chance," Tinsley adds.

Thanks to the Columbia, NASA is trying to address this problem. To fight the instinct to treat each near miss as a success. Ed Rogers. chief knowledge officer at NASA's Goddard Space Flight Center, gives NASA managers a training exercise based on the Georgetown tests to show how they fall into the binary trap. The FAA, meanwhile, has gone further. The agency realized that many reports of inflight errors were probably being treated as one-off mistakes. Since there are so many variables that go into an in-flight close call, it was hard for safety officers to spot patterns. To fix this, they asked their partner, systems engineering firm Mitre, to look at each element of flight-including mechanical, procedural, and geographic. Mitre took the FAA's database of crew and air traffic errors and about inflatable mascots on page 98.

PAYASTREAM 903-style emergency phone numbers

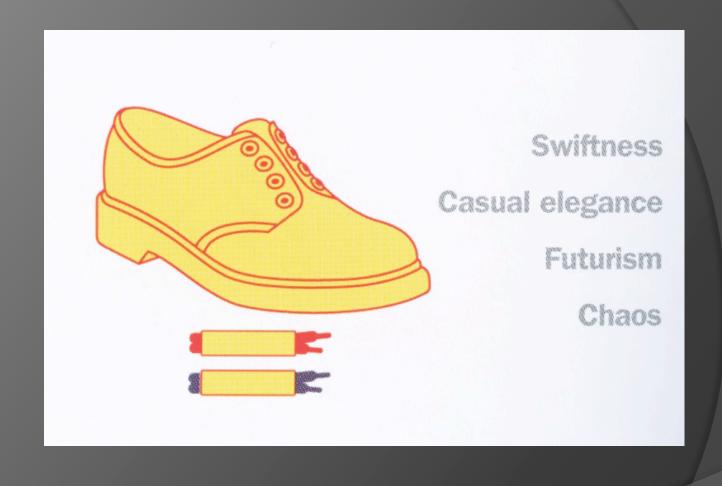
900: Australia 102: Maldives 191: New Zealand 192: Austria, Belgium, Denmark, England, Finland, France, Franch Guiana, Germany, Greenland, Hungary, Ioeland. heland, hely Jorden, Kuwait, Maha, Monace, Monamegro, Poland, Pontagel, Romania, Russia, Serbia, Spain, Sweden, Switzerland, Ukraine 19th Philippines 19th North Kores 17th Venezuela 19th Cresh Republic, Cuprus, Nigeria 19th Canada, Caymen Islanda, El Salvador, Palas, Panama, Panagues, United States, Uruguay 999: Bahrain, Hong Kong, Muanmar, Scotland, Solomon Islands, Sudan

SAUSTRATION BY TEASON WHETE DEE WHERE AND REV.

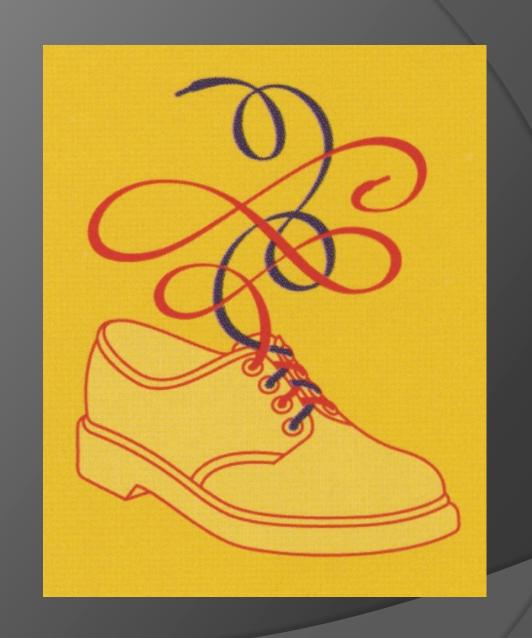
Expressive typography

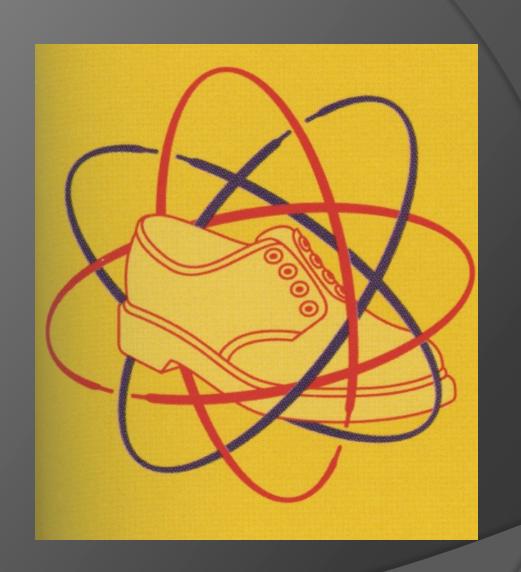
- Your message will always be most powerful when the words and the image are a perfect match.
- A sense of play
- Think about how you might modify the shapes of the letters or arrange or customize them to bring additional meaning to the words.

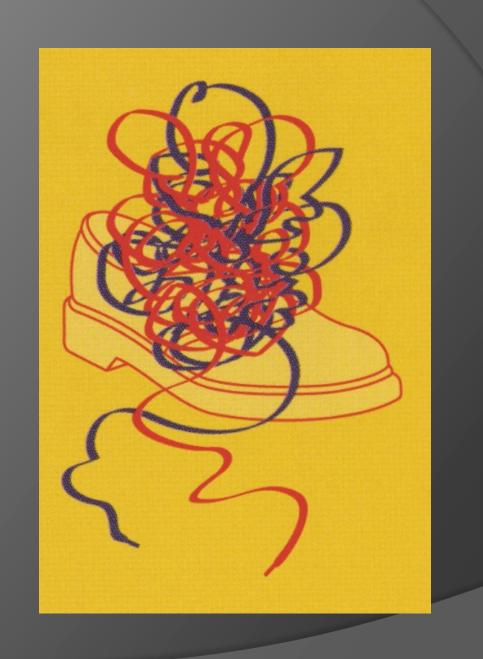
How will this be communicated, visually?











MED HER

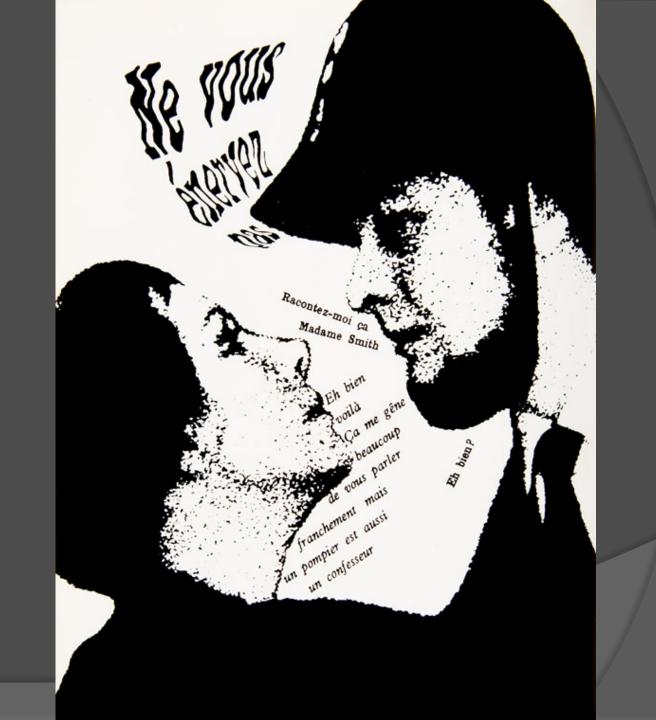
Familes A READER'S DIGEST PUBLICATION



MARAIAGE

Robert Massin is a French graphic designer, art director and typographer who is notable for his innovative experimentation with expressive forms of typographic composition.





la bonne

J'ai passé un après-midi très agréable

J'ai été au cinéma avec un homme

et j'ai vu un film avec des femmes

A la sortie du cinéma nous sommes allés boire de l'eau-de-vie et du lait et puis on a lu le journal



J'espère que vous avez passé un après-midi très agréable que vous êtes allée au cinéma avec un homme et que vous avez bu de l'eau-de-vie et du lait

Et le journal!



Oublions darling tout ce qui ne s'est pas passé entre nous et maintenant tâchons de ne plus nous perdre et vivons

comme avant

Oui darling

La pendule sonne tant qu'elle seut.

Apres de nombreux suitants.

Mr. or M. Martin on separate

et seprennent les places qu'ils avanen as debut.

Marrier M. Death entrest a drok. sons aucus chargeler done leurs virenes.

Bonsoir chers amis! excusez-nous de vous avoir fait attendre si longtemps Nous avons pensé qu'on devait vous rendre les honneurs auxquels vous avez droit et que nous nous sommes retrouvés des que nous avons appris que vous vouliez bien Nous n'avons rien mangé nous faire le plaisir de venir nous voir sans annoncer votre visite Il y a quatre heures attendons toute la journée nous nous sommes dépêchés d'aller revêtir nos habits de gala Pourquoi êtes-vous en retard? venus Mer or M. Smith g'appoient on face des visiteurs. La pendule souligne les répliques. avec plus ou mossa de force, selon le ess Les Marin, elle surriut. ont l'ast emborazoi et tende. C'est pourque la conversaton s'amorre difficiement of les more vicement, on debut, avec pome. Un long silence gine as driver, pain d'autres piences et hératations par la mato.



Lou Dorfsman

"Clear typography, simple slogans and smart illustration." - New York Times"

Louis "Lou" Dorfsman (1918 – October 22, 2008) was a graphic designer who oversaw almost every aspect of the advertising and corporate identity for CBS in his 40 years with the network.

With this unnouncement, CBS Radio opens the mans circulation of nighteline, network radio to advertisers with limited budgets. Also, to large advertisers for special promotions.

RED SKELTON, star-showman, star-selesman — and his 13 million listeners — are non-osciloble on a onetime basis. The cost: appreciably less than a color page in a mass magnitur.

Here's how a one-time budget now fits big-time radio:

oursnow. How?

avewin. Red Skelton's regular half-hour show—one of the "top ten" in all radio—will be on the sir for 79 consecutive weeks, starting October 3. Each man-narket hexadenst will be sold to a single sponsor (but a sponsor will not be limited to a single brandenst).

quastion. How will advertisers use the show?

ANNUE. To say something special with impact—as explosive as the laughter of Skelton's listeners.... Here is must radio occurron. Any merchandising tie-ins?

axween. Displays and mailings will flash the appeal of Skelton's personality, tieing in program, product, and purse at the sales counter.

occessors. What's the time of broadcast?

ANOMER. During a peak listening hour—9:00 to 9:30 p.m., Wednesdays. Between the hig audience attractions of Dr. Christian and Bing Crosby.

QUESTION: How many stations in the Skelton line-up? ANNER: Stations accounting for 91.4 per cent of the entire CBS Radio circulation are available for clearance. QUESTION. How many listeners will Rod Skelton deliver on an average program?

Access. Year-in, year-out, Red Skelton in front of a microphone is a human, fan-making magnet. Last season, he drew an average weekly audience of more than 13 million people, quixtuon. How much doss the above cost?

ANNUE. \$23,500—including time, talent, and merchanding. To give this price a yurbrick: For \$23,500, you can tap a nues audience and listener-loyalty that took an annual inventment of more than \$1,500,000 to build.

quernes. How will sponson be acheduled?

ANSWER. Solely on a first-come, first-to-profit basis.

occurron. Are there any other answers?

ANNUE. Just a reminder: To say things that get things started...or to give a peak-selling season a higher peak than ever, RED SKELTON is your loy....Fur a program date best mixed to your needs, sall your representative at...

THE CBS RADIO NETWORK



LIKE TO HAVE A PIECE OF SKELTON?



TELEVISION: A sponsor using today's most popular advertising medium reaches an average of 7.9 MILLION families in the average nighttime minute. And, depending on the program buy, the sponsor's commercial message allowance generally ranges from two to six minutes.

RADIO: A sponsor using the CBS Radio Network IMPACT plan complements and insures television's effectiveness. He reaches a net of 8.3 MILLION families and he delivers over three minutes of commercial messages per familyat the most efficient costs in all advertising.

"He does for better than that across the about, on CRY Principles

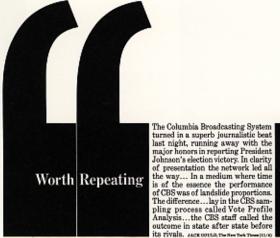


Typographical games
In recent years the love affair with typography has become contagious; art directors and designers have universally discovered the design potential inherent in typography. But these efforts (206-210) go back more than 30 years and represent the mutual influence of Lou Dorfsman and Herb Lubalin on each other.

week this season the average nighttime show on our network is delivering 3/4 million more families than on Network 7- one million more families than on Network 2: CBS Television Network CBS Television Network Television Ne

Yes—you are missing from \$92,000,000 to \$120,000,000 in family purchasing power cach week if your television advertising is not on the CBS Television Network. You're missing it because week after

Terrords States was Microspe, Str. 1901 Hav. 1964, 611 per or well broaded reportions: \$19,599(4.5 Sept. of Commerc.



its rivals. JACK COULD, The New York Transpill/10

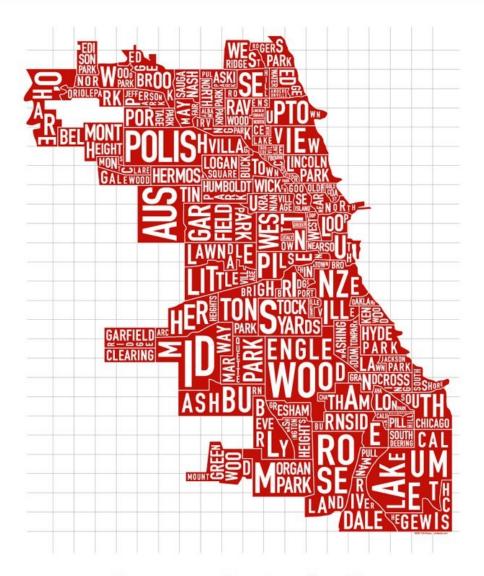




Gern A new generation of drugs could blast any viral disease-

BY CASE, 2





CHICAGO

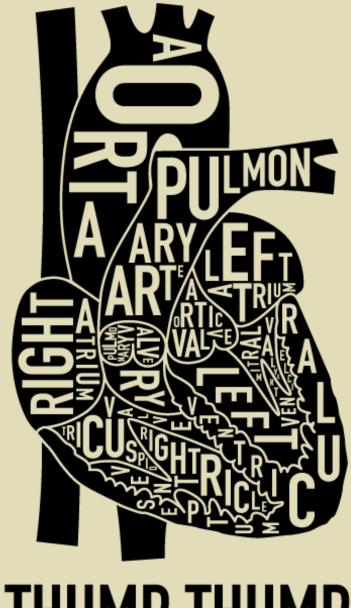


SEATTLE



THE GREAT LAKES





THUMP THUMP

THUMP THUMP





"I have a dream."



Martin Luther King, Jr.

1929-1968

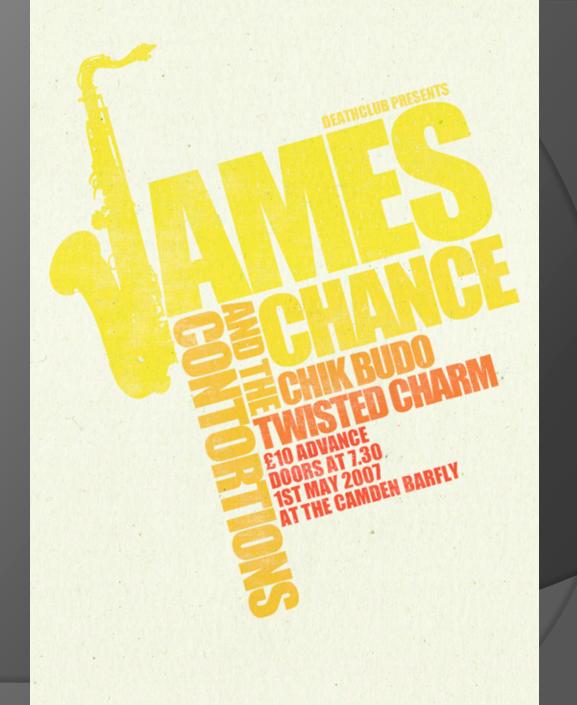
The day was August 26. The 1902, 1905 Nr. Marita Linker Hang about before 1802 peoply and the Director Stemmer in Whitington, Nr. His term range and and his smooth married millione. The spoke of the Marita field for the boar links of tables with most day loss, he a marine, where they will not be judged by the rathe of date table for the the constrol of their elements. The filling's sporoth helps of marks that the case of the great measurem in the 16th rights recognized of the 19ths and 20ths — a sample for which the table Marita Marine down on march.

Wild's lamber King, i.e., the best tool present (I. 1922 in Admin. Groupin in 1991). In brown prime of the Groupe section Reprint the Mangianery, Mahami, in 1995, the Real Soft Marke in Administration of Amagianery Compressed has square. The tree with the Cont of many manufacturities was madeline, and other process the time would had no other prime prime for the other lamber. The reflect administration the makes not black to write transition in many parts of the content tool the monoment the hot halped overser works pather for Makes and Market in terms of the lamber of the lamber of the content of the Conte

The Eveny with this believers, "He many cover one of the brackers' these made have the imprired mellione with this who of more than product. This has been all many of an a major of thinkness, the April 6, 1966, or the agree of the way who made and belief in Manufalls. The production

STANDING ONLY DANCING

LIFE WAS MUCH EASIER WHEN Apple AND BLACKBERRY WEREJUST FRUITS " YOU'RE NOTYOUR JOB. **YOU'RE NOTHOW MUCH** THecaryo U'RE NOTYOUR FUCKING **YOU'RE HEALL-SINGING,** (CRap)



DESIGN BY CLOUDSAPPEAR.CO.UK

LET'S SAY YOU'VE GONE BACK IN TIME.

MICE ONE, CHAIR WE'RE GOING TO ASSUME THAT YOU'RE DON'T WORRY. FIRST, WE NEED SOME UNITS, BUT NO BIGGIE. THE EXACT ON EARTH AND YOU CAN READ ENGLISH. SO FAIL SO DON'T WORRY. SPEED OF LIGHT IN A VACUUM IS 299,792,458 METERS PER GOOD, BUT HOW CAN YOU BUILD ALL THE AMENTES OF YOUR POSTER HAS THIS ONE SECOND, GOOD TO KNOW, A MITTER IS DEFINED IN TIPMS OF TOMORROW WHEN YOU'RE STUCK IN THE PAST? C O V E R E D , LIGHT, BUT IF YOU CAN'T MEASURE IT ACCURATELY, THE LENGTH OF A PENDULUM THAT TAKES ONE SECOND TO SWING

FROM END TO END WILL DO THE TRICK. PENDULUMS TEND TO TAKE THE SAME AMOUNT OF TIME TO SWING FLIGHT: LEADING EDGE REGARDLESS OF HOW HIGH YOU START THEM OFF, SO DON'T WORRY ABOUT THAT, PRETTY NEAT, RIGHT? GALILEO DISCOVERED THAT, BUT WHATEVER, TAKE THE CREDIT, IF YOU DON'T HAVE A WIJCH, A HEAVER DIAN ASS FLASHT ATTACK SECOND IS ABOUT HOW LONG IT TAKES YOU TO SAY YONE MISSISSIPPY. AND A GRAW IS PRETTY MUCH THE WEIGHT OF ONE CENTIMETER CUBED OF WATER. RELATIVE WIND THE WING TOOK A LONG TIME TO FIGURE JUST REMEMBER OUT APPOPOLS ARE OBJECTS SHAPED SUCH TRIAL INC. THAT AIR ABOVE THEM PROGRESSES EDGE FASTER THAN AIR MOVING BENEATH THEM

SLOWER MOVING AIR HAS MORE PRESSURE, SO THERE IS A NET UPWARDS FORCE. ATTACH AN AEROFOL OF SUFFICIENT SIZE TO A MACHINE CAPABLE OF MOVING ITSELF FORMARD FAST ENOUGH AND IT WILL FLY. YOU CAN MAKE A PLANE BY ATTACHING TWO AEROPOLS TO A CENTRAL BODY. ADD FLAPS AT THE TRAILING EDGE AND YOU CAN CONTROL WHERE IT GOES!

HEAT MILK TO JUST BELOW ITS BOLING PONT: IT WON'T CURDLE, AND 98,999% OF THE

BUGS IN IT WILL BE KELED. CONGRATULATIONS! YOU JUST INVENTED PASTEURIZATION: A MOVING ELECTRIC FIELD PRODUCES MAGNETISM, AND WCE VERSA. WHAP COPPER WIRE AROUND AN IRON CORE AND RUN.

BLECTRICITY THROUGH IT, AND YOU'VE GOT AN ELECTROMAGNET, DON'T HAVE ANY ELECTRICITY? PUT A MAGNET ON A WATER WHEEL, AND PUT YOUR COPPER WRAPPED IRON BESIDE THE WHEEL, AND HEY PRESTO, YOU'RE CONVERTING MECHANICAL ENERGY INTO ELECTRICITY. DON'T HAVE ANY MAGNETST. HEAT THON TO GET A VERY WEAK ONE, LOOK FOR BLACK GRAINS IN BEACH SANOS THAT STICK TOGETHER, OR EXAMINE THE SITES OF LIGHTNING STRIKES FOR



MAGNETIC LOCESTONES. BUN ELECTRICITY THROUGH TUNGSTEN TO GET THE LIGHTBULB. FILIN ELECTRICITY BACK AND FORTH ALONG A WIRE WITH ENOUGH POWER AND YOU'VE INVENTED RADIO. WHEN A BADIO WHILE INTERACTS WITH A RECEIVING ANTENNA, THE EXACT SAME ELECTRICAL CHARGE CAN BE RECOVERED. INFORMATION CAN BE ENCODED IN TWO WARS IN THE CHARGE OF THE ELECTRICITY PROPER CURRENT MADE OUT OF NEUTRALEY-OWNERD NEUTRONS AND PRODUCES A HIGHER AMPLITUDE WAYD OR IN THE FREQUENCY OF

THE ELECTRICAL PENERSALS. FM IS MORE RESISTANT TO INCOMMENT CHARGED ELECTRONS. AN ATOM WITH THE SAME AMPLITUDE DECAY IN TRANSIT. SEND OUT HIGH-FREQUENCY NUMBER OF ELECTRORS AND PROTONS IS ELECTRICALLY NEUTRAL WAVES AND MEASURE HOW AND WHEN THEY BOUNCE BACK, OTHERWISE IT WILL HAVE A POSITIVE OR NEGATIVE CHARGE. THE NUMBER OF PROTONS

TAKING THE CREDITY. POLANS THE NORTH STAYS IS JUST ABOUT THE BRIGHTEST ONE IN THE SKY, AND IT'S NEAR THE BIG DIPPER, MEASURE HOW WON'T CALLATE: CONTINUED IS A GOOD SYNTHETIC HIGH UP IT APPEARS TO BE, AND THAT ANGLE IS YOUR LATITUDE. QUARTZ CRYSTALS ARE GREAT: FEN SOME CURPENT THROUGH THEM AND THEY'LL CHANGE SHAPE: STOP THE CURRENT AND THEY'LL RESUME THEIR SHAVE, AND THEY'LL GENERATE ELECTRICITY WITH A FROM ROCKS BY DISSOLVING THEM IN MOLTEN CRYCLITE AND VERY PRECISE FREQUENCY AS THEY DO SO. YOU CAN USE THIS TO BUILD PRECISION CLOCKS. NICE. WITH THESE CLOCKS, YOU CAN DETERMINE LONGITUDE JUST SET YOUR CLOCK TO LONDON TIME, TAKE THE DIFFERENCE BETWEEN LONDON NOON AND LOCAL

NOON, AND THAT'S HOW FAR AWAY FROM THE PRIME MEREDIAN YOU ARE. HEY! THAT'S LONGITUDE RIGHT THERE. THAT WAS EASY. THAT DESERVES SOME CREDIT. IF YOU'RE IN 1714, THE ERETER HAVE A \$20,000 PREZEUP FOR A SMPLE WAY TO CALCULATE LONGITUDE. JUST CONVERTED. REMEMBER ENSTEIN ENERGY IS MASS OTHER FUN INVENTIONS GEARS, CATAPULTS, GLASSES, KITES, THERMOMETERS, BOSSORS, TIMES THE SPEED OF LIGHE SQUARED. TAKE THE CREDIT.

CIRCULAR SAWS, BUTTONS, FORKS, PAINT ROLLERS, WRITTEN, AND SPOKEN LANGUAGE, THE WHEEL, RUDDERS, CPR. SCREWS, COMDOMS, DELICIOUS CARBONATED WATER

GERMS SPREAD DISEASE, AND THEY CAN LIVE BASICALLY ANYMHERE. FIGHT THEM WITH HYDENE AND ANTIBIOTICS. WASH TO KEEP YOURSELF AND

THOSE AROUND YOU CLEAN, MEDICAL INSTRUMENTS SHOULD BE CLEANED IN BOLING WATER. STEAM WORKS ON THINGS THAT CAN'T BE WASHED. THE BEST ANTIBIOTIC IS PENICILLIN: THE MOLD PENICILLUM NOTATUM, FOUND ON FOOD. IT'S INCREDIBLY EFFECTIVE AT STOPPING INFECTION, AND WORKS BY PREVENTING OTHER BACTERIA FROM MAKING NEW CELL WALLS AND

REPRODUCING, IT'LL USHER IN A NEW AGE OF ANTIBIOTICS. TAKE THE CREDIT. IF THE PENICILLUM MOLD IS UNKNOWN, LOOK FOR MOLDS ON FOCOS TRAT, WHEN VEWED UNDER A MICROSCOPE, LOOK LIKE CRAZY HANDS ON LONG STALKS. THERE'S YOUR PENCILIUM! VIRUSES SPREAD DISEASE, BUT UNLIKE GERMS, CAN'T REPRODUCE ON THEIR OWN. THEY RELY ON HOST CELLS TO REPRODUCE. FIGHT THEM WITH VACCINATION, WHICH ALLOWS THE BODY TO PRODUCE ANTEIODES THAT FIGHT A GMIN WRUS BEFORE IT EVEN SHOWS UP.

MAKE A VACCINE BY GROWING A CULTURE AND THEN HEATING IT! THE HEAT WILL ROLL THE VIPUS, AND THEIR DEAD SHELLS ARE ENOUGH TO TEACH THE BODY TO RIGHT. WEAKER STRANS ALSO VACCINATE. YOU'RE PROBABLY GOOD FOR MOST DISEASES, BUT OUR GENERATION WAS THE FIRST TO GROW UP WITHOUT SMALLPOX. COMPOX ARE SPOTS FOUND ON COW LIDDERS, AND IT'S CLOSE ENOUGH TO VACCINATE YOU WHILE BEING WEAK ENDUGH NOT TO KILL YOU. SPEAKING OF NOT BEING KILLED, DARRETES IS CHARACTERIZED BY FREQUENT URBIATION, EXTREME THIRST OR HUNGER, AND/OR EXTREME WEIGHT LOSS. WITHOUT TREATMENT IT'S FATAL, BUT INSULIN CAN BE EXTRACTED FROM THE PANCREAS OF DOGS AND PIGS BY TYING A STRING AROUND THE PRINCIPLATIC DUCT. INJECT THIS EXTRACT AND IT WILL ACT AS A MPACULOUS TREATMENT. FORGET BANTING AND BEST. TAKE THE CREDIT.

DON'T FORGET THE BASIC BUILDING BLOCKS OF MATTER!

ATOMS. ATOMS CONSIST OF A NUCLEUS AT THE COPE (POSITIVELY CHARGED PROTONS, SUPPOUNDED BY

AND YOU'VE INVENTED RADAR. DO THE SAME WITH SOUND. IN AN ATOM DETERMINE WHICH ELEMENT IT IS. FOR OUR PURPOSES THE MOST LIBERUL AND OH MAN: SONAR. MOUNT A MAGNET SO IT CAN MOVE. ONES ARE HYDROGEN IN WITH I PROTON, CARBON ICH WITH 6, NITHOGEN IN WITH 7, AND FREILY, AND YOU'VE INVENTED THE COMPASS. ARE YOU CHYGEN IQUINTHS. WATER IS MADE OF HYDROGEN AND CHYGEN HyB. KHAZYGLLE IS CAPIANDS.

IF YOU'RE A WOMAN AND YOU SWALLOW PROGESTERONE, YOU SUBSTITUTE. ALUMINUM USED TO BE MORE VALUABLE THAN GOLD. DEPENDING ON WHEN YOU ARE, IT STILL IS. EXTRACT IT FLINNING CURPENT THROUGH IT. YOU'LL FIND CRYOLITE IN GREENLAND, LATITUDE \$1.2 LONGITUDE -48.16. LOOK FOR GLASSY WHITE CRYSTALS. ATOMS CAN BE SPLIT, WHICH RELEASES A TREMENDOUS AMOUNT OF ENERGY AND PADIATION. ENERGY CANNOT BE CREATED OR DESTROYED.

HANG THIS UP IN YOUR TIME MACHINE



breaking boundries Graphics design

RB



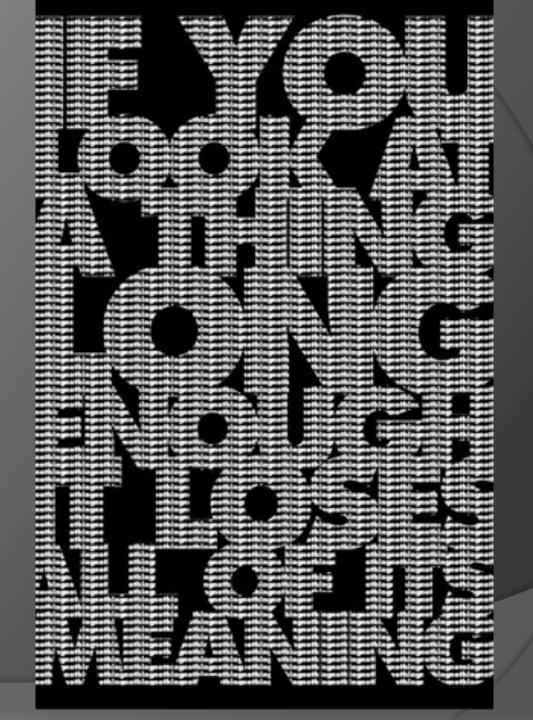


STRATEGIC PLANEA

THINGS.

-Herb Kelleher

Printed by Kyle Van Horn: BALTIMORE PRINT STUDIOS 2010



BADOD TYPOGR GRAAPHY ENERYSI BIWHERE

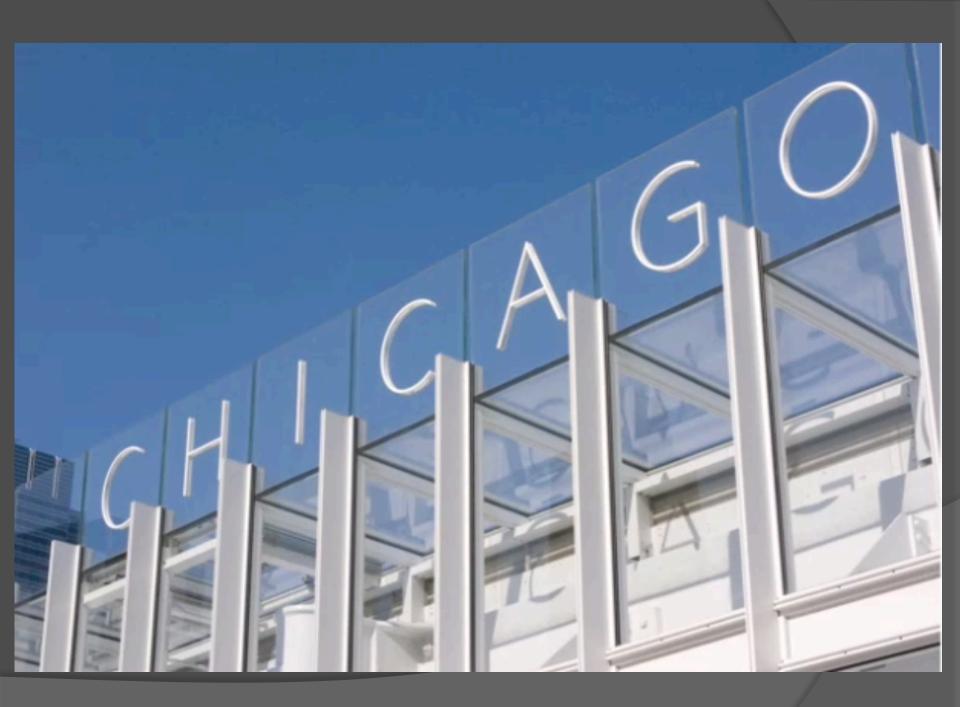
GOOD TYPOGRAPHY IS INVISIBLE / BAD TYPOGRAPHY IS EVERYWHERE



MORE OF WHAT MAKES -APP

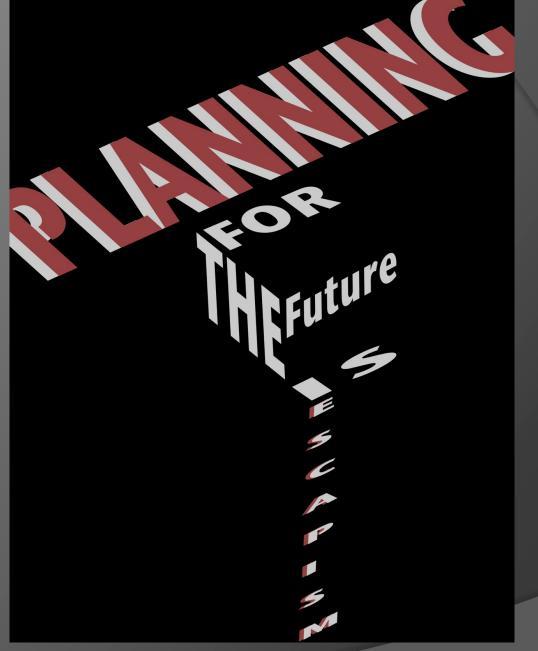
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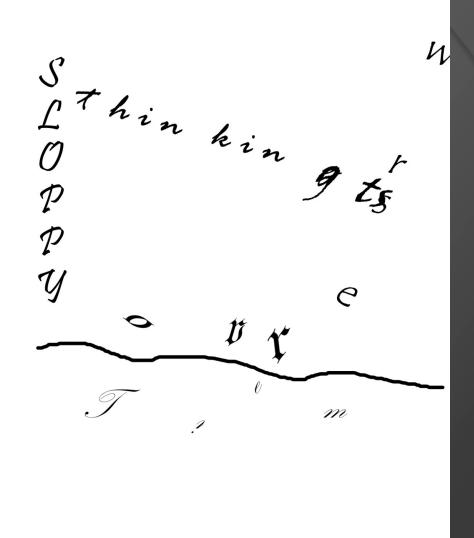




Some of the quotes student examples



Planning for the future is escapism



Sloppy thinking gets worse over time

Sloppy
Thinking
Gets

WiRSE

rsvo

Time

SIOPS Thinking Gets

Worse

OASI

Time

sloppy

†hinkingets Wo Rse parents are vous parents o Tuoy and straingly

mostly
youshould
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business.



sin since the second state of the second state

BETUJEE

NOTHING UPSETS THE

BALANCE

OF

GOOD

AND

EVIL

NOTHING

UPSETS

HE HE

BALANCE

OF

GOOD

AND

EVIL

YOU NEVER KNOW WHAT PEOPLE REALLY
THINK OF YOU

SURPLUS IS immoral

SOMETIMES

SCIENCE

ADVANCES



THAN

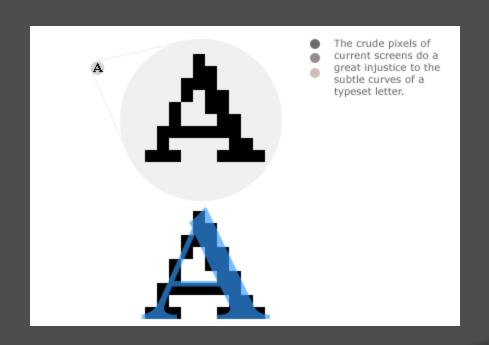
III

SHOULD



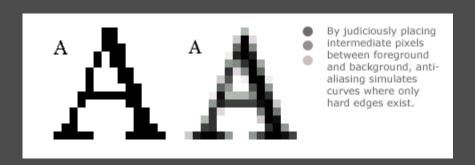
Problems with online delivery

Pixelization



Anti-aliasing

Using intermediate colored pixels around the edge of letterforms



Develop a Style Guide

Fonts resources

- http://www.google.com/webfonts
- https://typekit.com/
- http://www.microsoft.com/typography/ default.mspx
- http://www.type.co.uk/
- http://www.goodwebfonts.com/