

TYPOGRAPHY # 2

Tipografi adalah Ilmu yang mempelajari tentang Huruf dan penggunaan Huruf dalam aplikasi desain komunikasi visual

Ilmu Typography

"Typography can defined a art of selected right type printing in accordance with specific purpose ; of so arranging the letter, distributing the space and controlling the type as to aid maximum the reader's."

- *Typography* merupakan ilmu tentang seni dalam memilih dan menata huruf font dengan pengaturan penyebarannya pada ruang-ruang yg tersedia, untuk menciptakan CITRA tertentu, sehingga dapat menolong pembaca untuk mendapatkan kenyamanan maksud dan mampu membaca semaksimal mungkin.

Mana yang tepat?

D3-INFORMATIKA

D3-INFORMATIKA

D3-INFORMATIKA

D3-INFORMATIKA

4 Prinsip Memilih Font

1. Clarity

bahwa suatu huruf mempunyai fungsi tertentu yaitu harus dapat dilihat secara jelas.

2. Readability

keterbacaan dan jenis huruf tersebut.

3. Legibility

lebih menekankan apakah kita mudah membacanya atau tidak.

4. Visibility

lebih menekankan pada keindahan jenis huruf tersebut.



Macam Huruf

- Arab (Hijaiyah) = 30 huruf
- Ibrani = 22 huruf
- Fenisia = 24 huruf
- Tionghoa
- Jepang (kanji)
- Rusia = 33 Huruf
- Korea (Hanja, Hangeul)
- Thailand (Thai)
- Jawa (Java) = 20 Huruf
- Isyarat
- Roman (Latin) = 26 Huruf

あ	か	が	さ	ざ	た	だ	な	は
a	ka	ga	sa	za	ta	da	na	ha
い	き	ぎ	し	じ	ち	ぢ	に	ひ
i	ki	gi	shi	ji	chi	ji	ni	hi
う	く	ぐ	す	ず	つ	づ	ぬ	ふ
u	ku	gu	su	zu	tsu	zu	nu	fu
え	け	げ	せ	ぜ	て	で	ね	へ
e	ke	ge	se	ze	te	de	ne	he



Huruf Roman (Latin)

ABCDEFGHIJKLMNOPQRSTUVWXYZÀÁÊË
abcdefghijklmnopqrstuvwxyz
stuvwxyzàáêëõøü&1
234567890(\$£.,!?)

6 Jenis Teknologi Font

1. Postscript

Dibuat Adobe th 1980. Dikreasikan dengan Bizier Curve

2. True type Format

Ditemukan Apple Computer dengan Teknologi Postscript. Dikreasikan dengan menggunakan Quadratic B-splines. Support Windows 3.11 s.d Windows 8. Truetype di rancang sebagai file tunggal (suitcase), yang di dalamnya sudah terdapat keluarga huruf dalam **bentuk plain, plain italic, bold dan bold italic**

3. Multiple Master Font

Multiple Master Font di identifikasikan dengan MM ditambah nama pendek dari huruf tersebut contohnya ITCaVaGarMM. Dan biasanya diikuti oleh dua huruf dari informasi titik (axes) seperti BD untuk Bold, XL untuk Light, NO untuk Normal, CN untuk Condensed, dan OP untuk Optikal. Nominal angka untuk merepresentasikan nilai axis. Dan jika kita membuat Multiple Master Font axis ini akan muncul dalam huruf kecil.

4. Unicode Font

Unicode adalah standard baru untuk menjabarkan characters set dalam sebuah sistem, bekerja mirip dengan ASCII (American Standard Code for Information Interchange). Biasanya dalam ASCII terdapat 200 set characters, tetapi dalam Unicode bisa terdapat 65000 jenis characters sehingga Unicode sering digunakan dalam informasi digital multi bahasa.

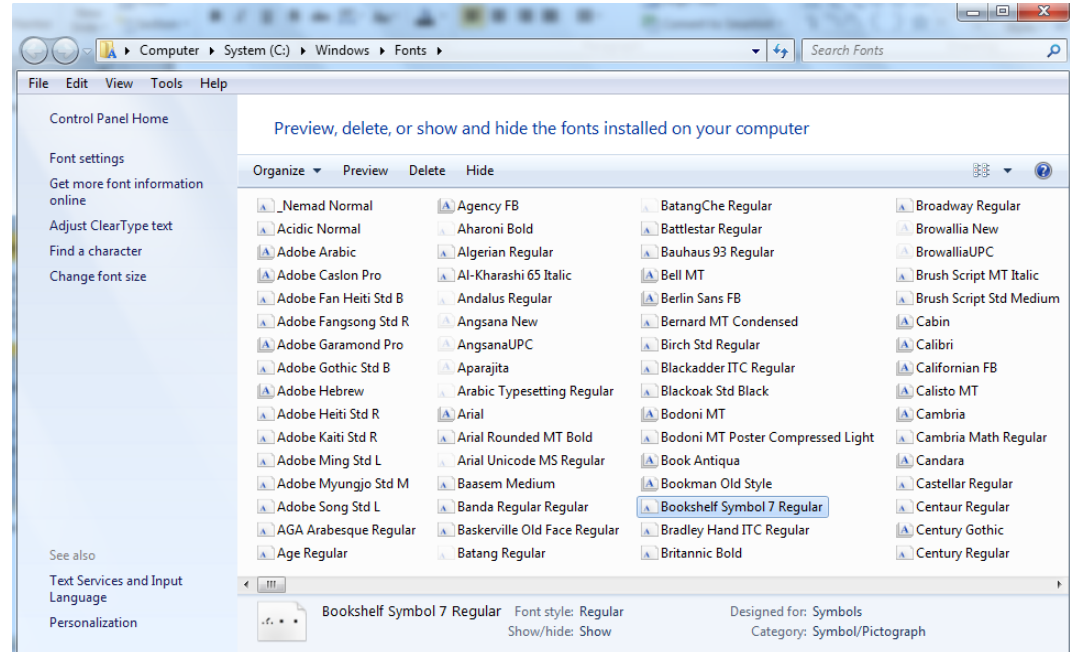
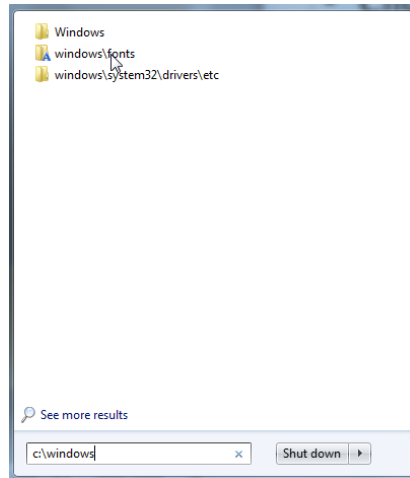
5. Opentype

Ditemukan Microsoft & Adobe th 1996. adalah format gabungan dari True type dan Postscript.

6. Worldtype

Worldtype adalah format font yang dibuat oleh perusahaan font AGFA Monotype, format ini dibuat untuk memenuhi kebutuhan dari standar Unicode.

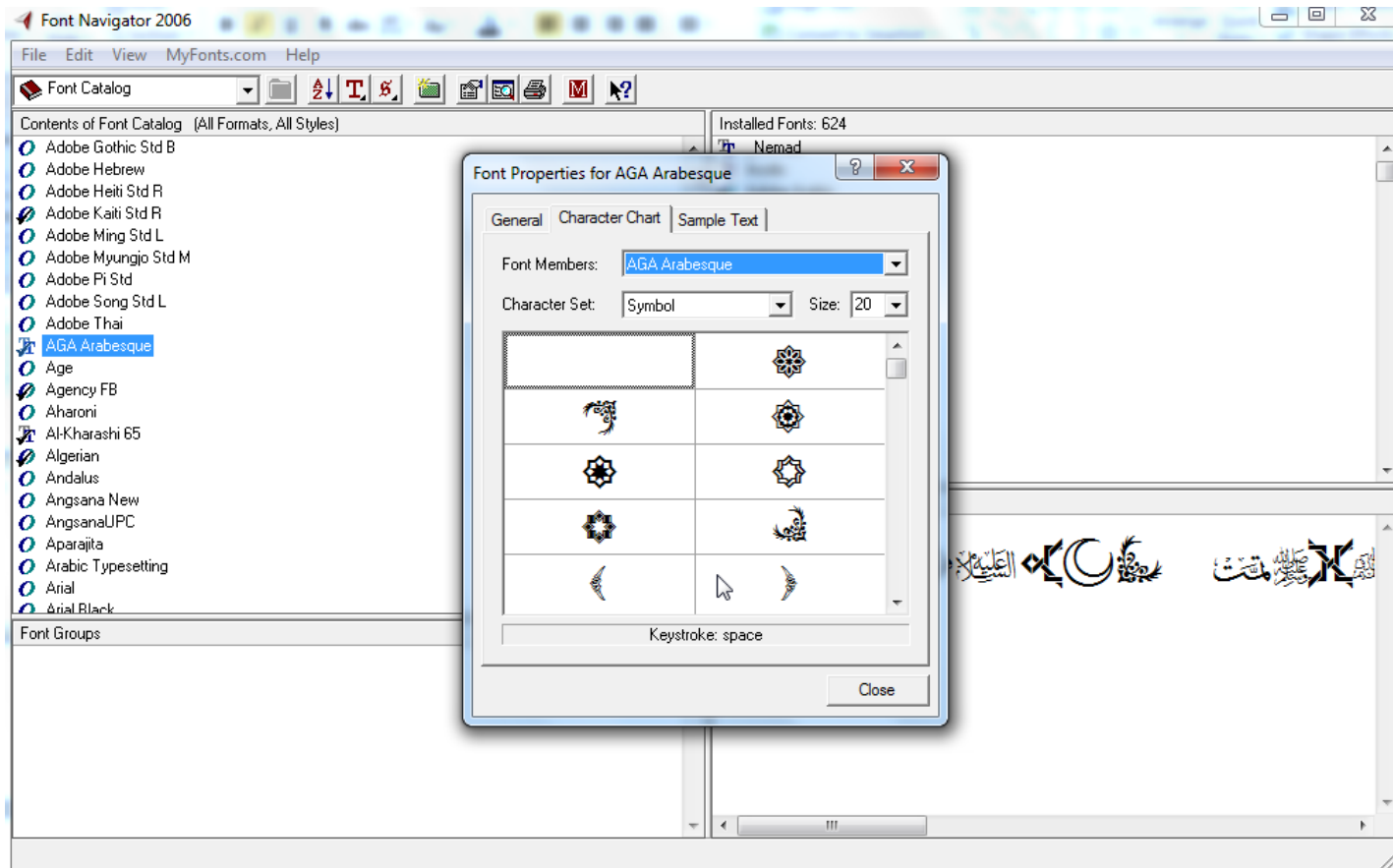
On Windows OS ?



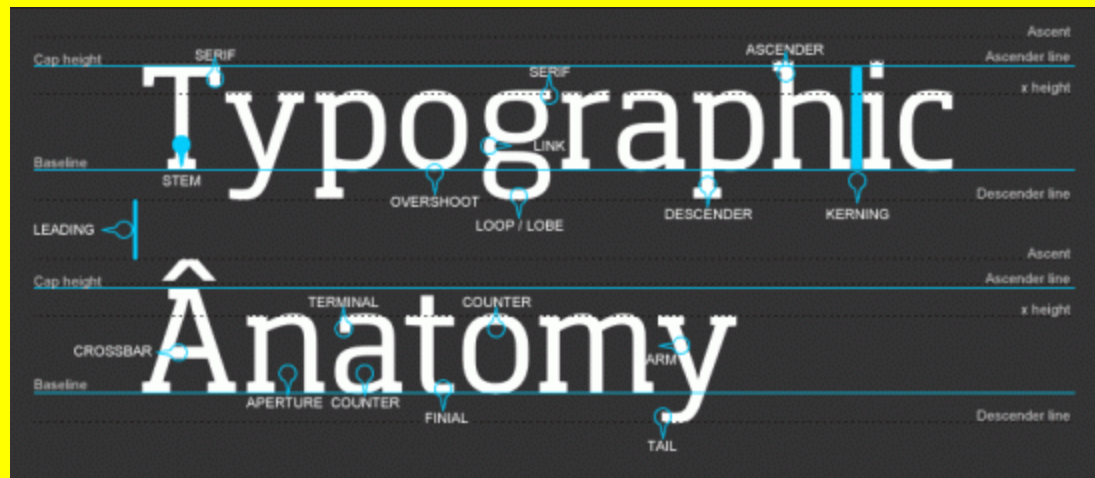
- *Postscript* ditandai dengan huruf “a”
- *Truetype* ditandai huruf “TT”
- *Opentype* ditandai huruf “o”

On Windows OS ?

Gunakan *Bitstream Font Navigator*



Anatomi Huruf

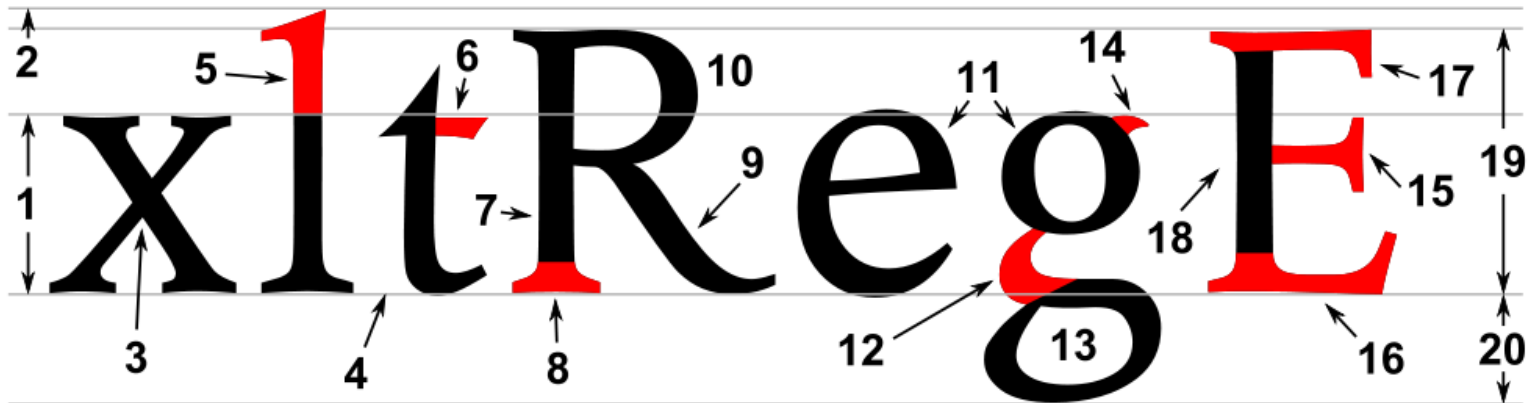


Anatomi Huruf



- Huruf terdiri dari bagian-bagian yang secara ilmiah memiliki **nama**. Masing-masing memiliki fungsi spesifik dalam ilmu Typografi.
- Anatomi Font (huruf) pada Tipografi dipakai sebagai identifikasi klasifikasi sebuah font dan juga untuk membuat font baru.
- Ada 2 aspek dasar anatomi Huruf berkaitan dengan manfaat font :
 - Bentuk Fisik Huruf. Bagaimana Huruf itu dibentuk, cara mengukurnya secara horisontal/vertikal
 - Bentuk, konstruksi, dan tampilan secara visual

Anatomi Huruf (2)



- | | | | |
|-------------------------|-------------|-------------|---------------------------|
| 1) <u>x-height</u> | 6) Crossbar | 11) Counter | 16) horizontal bar |
| 2) <u>ascender line</u> | 7) Stem | 12) collar; | 17) Arm |
| 3) apex | 8) Serif | 13) Loop | 18) vertical bar |
| 4) <u>Baseline</u> | 9) Leg | 14) Ear | 19) <u>cap height</u> |
| 5) Ascender | 10) Bowl | 15) Tie | 20) <u>descended line</u> |

Anatomi Huruf (3)

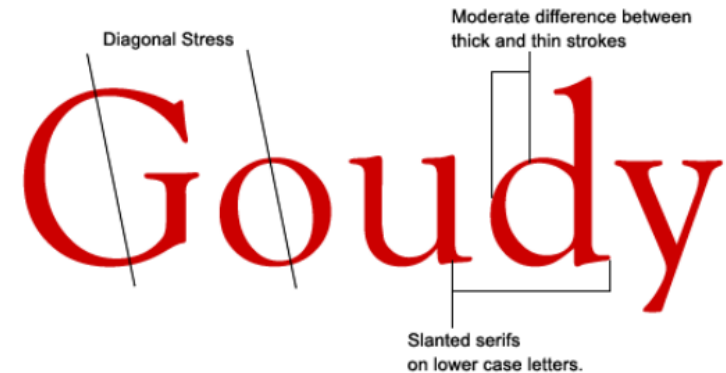


1. x-height : tinggi huruf dari huruf lowercase
2. ascender line : garis batas atas huruf. Misal : b,d,f,h,k,l dan t
3. Baseline : garis batas bawah huruf kapital
4. cap height : garis batas atas font atau tinggi huruf dari huruf kapital
5. descended line : garis batas bawah huruf. Misal : g,j,p,q dan y

4 Model Sesuai Anatomi

1. Oldstyle

Dibuat periode th.1470 s.d 1600. Contoh : *Garamound, Goudy Oldstyle, Bembo, Bauer text, CG Cloister, Palatino, etc*



2. Modern

Dibuat periode 1800. Contoh : *Bodoni, Didot, Torino, Melior, etc*



4 Model Sesuai Anatomi (2)

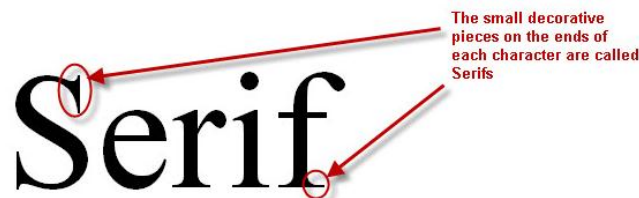
3. Slab Serif

Ditandai bentuk serif tebal/sangat tebal. Sebagai penarik perhatian. Misal HEADER, Contoh : *Boton, Aachen, Calvert, Memphis, Rockwell, Serifa, etc*



4. Sans Serif

Huruf tanpa kait (serif) dikenal juga “Grotesques”. Contoh : *Helvetica, Univers, Futura, optima, Avant Grade, Franklin Gothic*



Bentuk Geometri Huruf

Dari sisi geometrinya huruf dibagi menjadi 4 kelompok :

1. Garis **tegak datar** : **E, F, I, H, L**
2. Garis **tegak miring** : **A, K, M, N, V, W, X, Y, Z**
3. Garis **tegak lengkung** : **B, D, G, J, P, R, U**
4. Garis **lengkung** : **C, O, Q, S**

a	b	c	d	e	f	g	h	i
q	b	c	d	e	f	g	h	i
j	k	l	m	n	o	p	q	r
j	k	l	m	n	o	p	q	r
s	t	u	v	w	x	y	z	
s	t	u	v	w	x	y	z	

Font FAMILY

Oleh *Moritz Brandis* (1488) Jerman. Adalah **variasi dari sebuah font, tanpa menghilangkan** ciri Asli dari font :

1. **Ketebalan** (Weight). Ex : Ultra Light, m Light, Normal, Medium (Demi/Semibold), Bold, Extrabold dan Ultrabold
2. **Proporsi** Bentuk Huruf. Meliputi *Condensed (disempitkan)* dan *Expanded (dilebarkan)*. Misal : Compressed, Ultra/Extra condensed, Condensed, Normal, Expanded, Extra Expanded dan Ultra Expanded.
3. Sudut **Kemiringan**. Meliputi **Italic** (miring ke kanan), **Slanted** (miring ke kiri). Misal : Oblique, Cursive dan Slanted.
4. **Textur** Permukaan. Meliputi Huruf Outline, Huruf 3D
5. **Desain**. Satu macam dengan model berbeda. ex : ITC Officiana
6. **Font Univers**. Typer face untuk beberapa jenis

ITC Officina Sans book

ITC Officina Sans book italic

ITC Officina Sans bold

ITC Officina Sans bold italic

ITC Officina Serif book

ITC Officina Serif book italic

ITC Officina Serif bold

ITC Officina Serif bold italic

Mayberry Light

Mayberry Regular

Mayberry Medium

Mayberry Semi Bold

Mayberry Bold

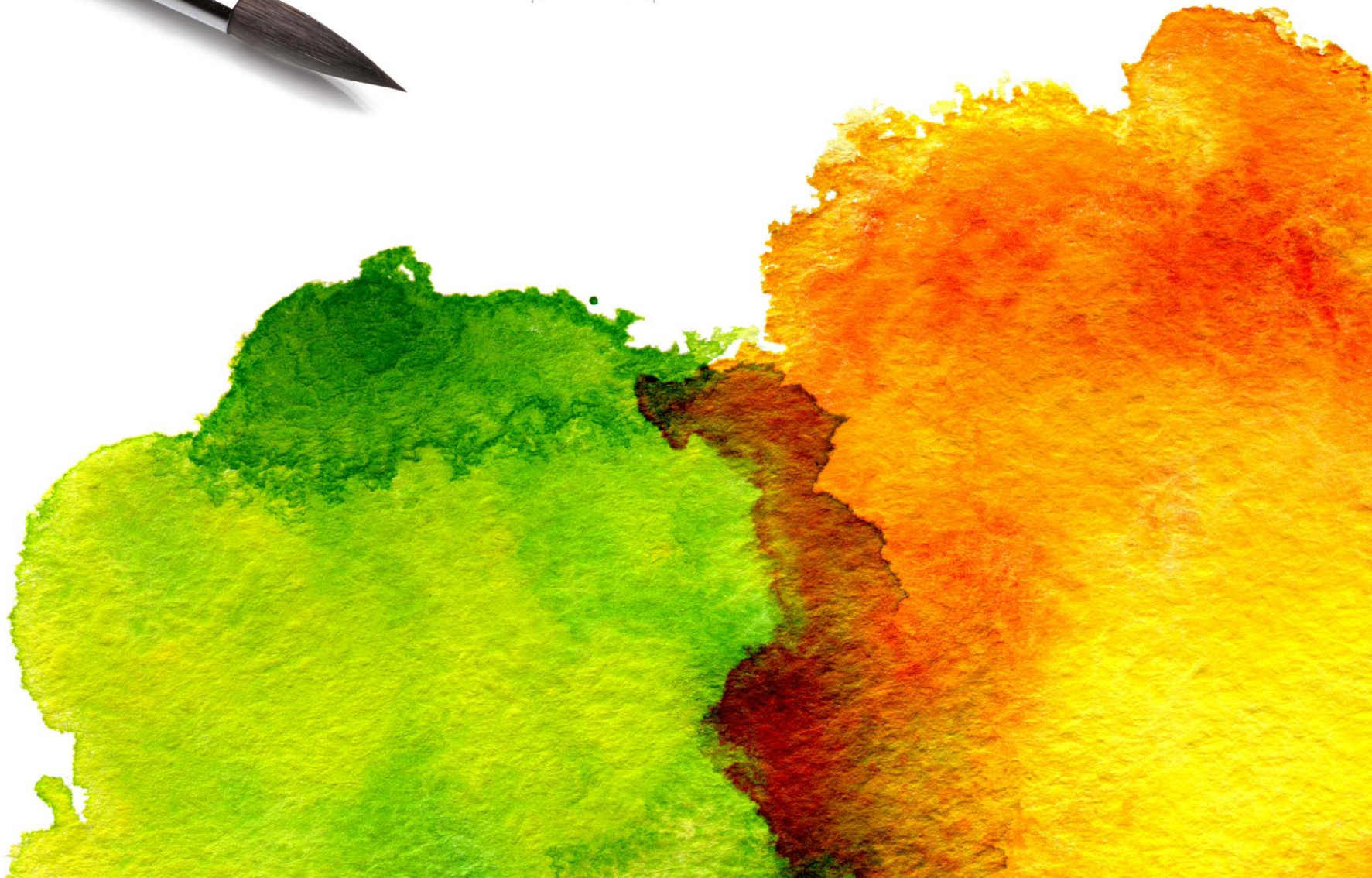
Mayberry Extra Bold

Mayberry Black

Istilah Pembuat Font

- **ITC** : *International Typeface Corporation*, pemegang hak ciptanya adalah : **Adobe Corporation**. Contoh : ITC Avant Grade dan ITC Cheltenham
- **MT** : **Mono Type Corporation**. Contoh : Gro-tesque MT, Falstaff MT.
- **BT** : **Bitstream Corporation**. Contoh : Fenice BT, Benguiat BT dan Cheltenham BT
- **ICG** : **Image Club Graphic**. Contoh : Ferrir ICG
- **MN** : **Mecanorma Int.** Contoh : Choc MN
- **LH** : **Linotype Hell AG**. Contoh : Fairfield LH

Contoh **FONT** Populer



Times New Roman

Created by **Victor** Lardent

Dibuat 1931 (The Times)

Category : serif

Sejak Windows 3.1 (1992)

Times New Roman

Aa Ee Rr *a*
Aa Ee Rr

Publisher

abcdefghijklm
nopqrstuvwxyz
0123456789

Arial

Created by Robin Nicholas
and Patricia Saunders

Dibuat 1982

Category : Sans serif

Sejak Windows 3.1 (1992)

Arial

Aa Ee Rr

Aa Ee Rr

a

Deliverable

abcdefghijklm
nopqrstuvwxyz
0123456789

Calibri

Created by Lucas de Groot

Dibuat 2005

Category : Sans serif

Sejak Windows Vista untuk mereplace Times New Roman

abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
WXYZ1234567890
?&%/()!"\$'*_.:;>#+β-.,
œ@Δºª©ƒð,åΣϣ®†Ω"/øπ
•«i“¶¢[[]||{ }≠¿‘±’

Calibri

ABCDabcd - Regular

ABCDabcd - Bold

ABCDabcd - Italic

ABCDabcd - Bold Italic

Futura

Created by Paul Renner

Dibuat 1927

Category : Sans serif



Futura

Futura Light

Futura Light Italic

Futura Medium

Futura Medium Italic

Futura Heavy

Futura Heavy Italic

Futura Bold

Futura Bold Italic

Futura Ext. Black

Futura Ext. Black Italic

Futura Light Condensed

Futura Condensed

Futura Medium Condensed

Futura Bold Condensed

Futura Bold Condensed Italic

Futura Ext. Black Condensed

Futura Ext. Black Condensed Italic

Futura family

abcdefghijklmnopqrstuvwxyz

123456789!@#\$%^&* ()

abcdefghijklmnopqrstuvwxyz

abcdefghijklmnopqrstuvwxyz

abcdefghijklmnopqrstuvwxyz

abcdefghijklmnopqrstuvwxyz

abcdefghijklmnopqrstuvwxyz

abcdefghijklmnopqrstuvwxyz

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abcdefghijklmnopqrstuvwxyz

abcdefghijklmnopqrstuvwxyz

abcdefghijklmnopqrstuvwxyz

abcdefghijklmnopqrstuvwxyz

Rage italic

Created by **Ron** Zwingelberg

Dibuat 1984

Category : Brush Script



abcdefghijklmnopqrstuvwxyz
abcdefghijklmnopqrstuvwxyz
abcdefghijklmnopqrstuvwxyz
abcdefghijklmnopqrstuvwxyz
abcdefghijklmnopqrstuvwxyz
abcdefghijklmnopqrstuvwxyz
1234567890a-*/\$%!"!d
1234567890a-*/\$%!"!d
1234567890a-*/\$%!"!d
1234567890a-*/\$%!"!d
1234567890a-*/\$%!"!d

Helvetica

Created by Max Miedinger

Dibuat 1957

Category : Sans serif

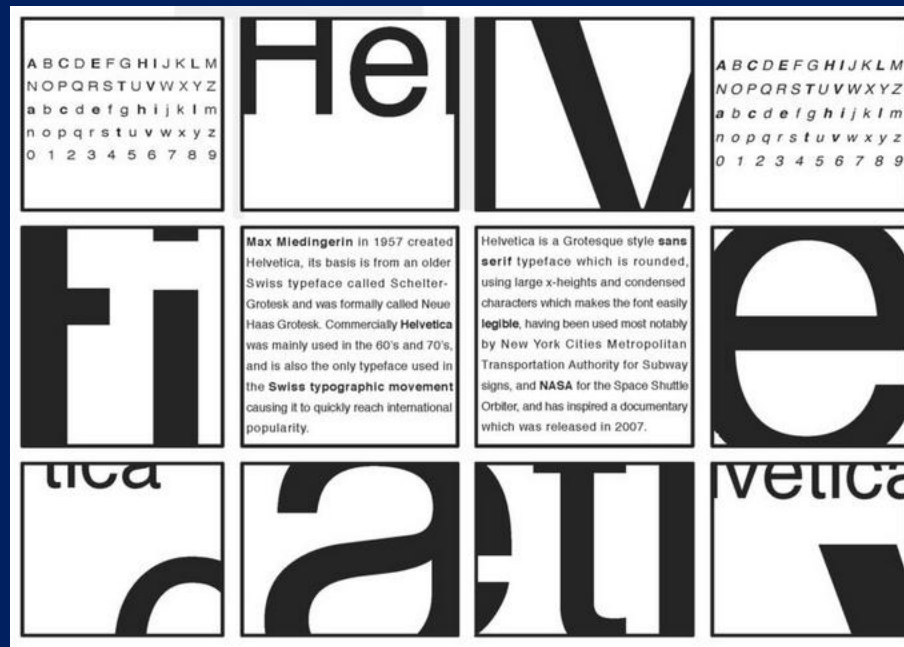
Meet the cast:

ABCD
EFGHIJK
LMNOP
QRSTUV
WXYZ

Now see the movie:

Helvetica





Free web Font service

typekit

Dipakai twitter dan New York Times

<https://typekit.com/>

The easiest way to use
REAL FONTS
on your website



Google Web Font

- <http://www.google.com/fonts/>

```
view plain copy to clipboard print ?
01. <link href='http://fonts.googleapis.com
02. /css?family=Croissant+One|Merienda' rel='stylesheet' type='text/css'>
03. <style>
04. h1 {
05.     font-family: ;
06. }
07. p {
08.     font-family: ;
09. }
10. </style>
```



Font Squirrel (@font-face)

<http://www.fontsquirrel.com/>

[view plain](#) [copy to clipboard](#) [print](#) [?](#)

```
01. @font-face {
02.     font-family: 'SansationRegular';
03.     src: url('Sansation-Regular-webfont.eot');
04.     src: url('Sansation-Regular-webfont.eot?#iefix') format('embedded-
      opentype'),
05.         url('Sansation-Regular-webfont.woff') format('woff'),
06.         url('Sansation-Regular-webfont.ttf') format('truetype'),
07.         url('Sansation-Regular-webfont.svg#SansationRegular') format('svg');
08.     font-weight: normal;
09.     font-style: normal;
10. }
11.
12. p {
13.     font-family: 'SansationRegular';
14. }
```

@font-face

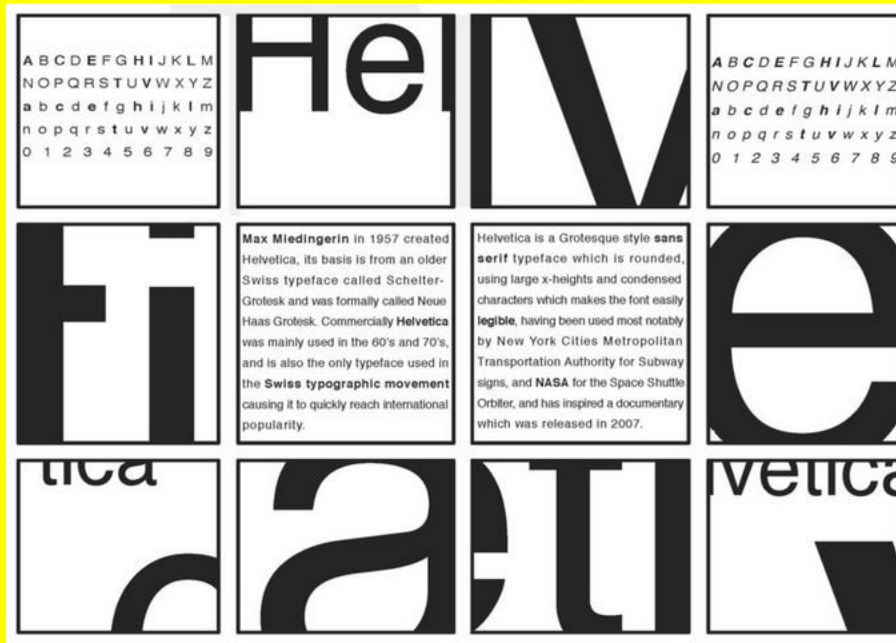
Edge Web Font

- <http://www.edgefonts.com/>

view plain copy to clipboard print ?

```
01. <script src="http://use.edgefonts.net/droid-sans.js"></script>
02. <style>
03. p {
04.   font-family: droid-sans, serif;
05. }
06. </style>
```





Resource Font

Resource Font Online

<http://www.myfonts.com/WhatTheFont/>

- Mencocokkan font yang dah ada



The screenshot shows the 'WhatTheFont' website interface. At the top, the logo 'WhatTheFont' is on the left, and a progress bar with three steps—'Upload', 'Character selection', and 'Results'—is on the right. Below the logo, there's a button 'Submit an image' and two links: 'Examples' and 'Image tips'. The main text area contains the heading 'Seen a font in use and want to know what it is?' followed by a paragraph explaining the service and a link to the 'WhatTheFont Forum'. Below this, a section titled 'Submit your image here' includes a file size limit of 2MB and a link to 'image submission tips'. At the bottom, there are two input options: 'Upload a file:' with a 'Choose File' button and 'No file chosen' text, and 'Or specify a URL:' with a text input field. A large green arrow button labeled 'Continue' is positioned to the right of these input fields.

WhatTheFont Upload Character selection Results

Submit an image Examples Image tips

Seen a font in use and want to know what it is?
Submit an image to WhatTheFont to find the closest matches in our database. Or, let cloak-draped font enthusiasts lend a hand in the [WhatTheFont Forum](#)

Submit your image here Maximum file size: 2MB. For best results, see the [image submission tips](#).


Upload a file: Choose File No file chosen

Or specify a URL:

Continue

Resource Font Online (2)

<http://www.identifont.com/identify.html>

[About us](#) | [Blog](#) | [Latest additions](#) | [Popular fonts](#) | [Fontset](#) | [Free fonts](#) | [Feedback](#) | [Contact us](#) | [Terms of use](#)

Fonts by Appearance

Fonts by Name

Fonts by Similarity

Fonts by Picture

Fonts by Designer/Publisher

Questions answered
Filter: All letters, All years
8167 possible fonts.
1: Serif or sans-serif?
Approximately twelve questions remaining.

Do the characters have serifs?
Serifs are spikes or slabs on the ends of the strokes.

Th

Yes (serif).

Th


No (sans-serif).

Not Sure

Instructions
Identify a typeface by answering questions about key features.
If your sample text is small you may find it helpful to use a magnifying glass or hand lens.
If you make a mistake you can click in the **Questions answered** list to review your answer to an earlier question.
If your sample contains a limited set of letters, or you know the date of your sample, use the **Filter**.

Resource Font Online (3)

<http://typophile.com/>

Forums

New to Typophile? Accounts are free, and easy to set up.

[Create an account](#)

Recent Posts

- Need to identify these 2 fonts please!
- Is there any solution for this problem?
- Jamie Oliver Font
- ttypo — a multiscript monospaced screen font family
- A flipper font as body text to simulate handwriting.

Home

Forums

Login to post new content in the forum.

Forum	Topics	Posts	Last post
• General Discussions Anything goes.	15621	168002	14 hours 12 min ago by jorchin7
Design A to Z, and everything in between	6914	64374	14 hours 51 min ago by Ju22
• Build Software, file formats, and other technicalities	3822	28652	4 hours 20 min ago by Zuhair Albazi
Release Licensing, royalties, and the fine art of self-promotion	1377	8732	2 days 15 hours ago by timotheus
• Type ID Board Need to know what font it is? Post it here.	40700	170103	6 hours 9 min ago by slip
Type ID FAQ and Posting Guidelines Please read this before posting a request.	138	175	14 hours 11 min ago by stephchev8

Resource Font Online (4)

Dafont.com

Fancy	Fire, Ice Decorative Typewriter Stencil, Army Retro Initials Grid Various	Foreign look	Techno	Gothic	Basic	Script	Dingbats	Bar Code Nature Sport Heads Kids TV, Movie Logos Sexy Army Music Various	Holiday
Cartoon Comic Groovy Old School Curly Western Eroded Distorted Destroy Horror		Chinese, Jpn Arabic Mexican Roman, Greek Russian Various	Square LCD Sci-fi Various Bitmap Pixel, Bitmap	Medieval Modern Celtic Initials Various	Sans serif Serif Fixed width Various	Calligraphy School Handwritten Brush Trash Graffiti Various	Alien Animals Asian Ancient Runes, Elvish Esoteric Fantastic Horror Games Shapes	Valentine Easter Halloween Christmas Various	

How to install a font (details in the [Help](#) section)
Unzip the files you have downloaded, then:

- **Windows 7/Vista:** Right-click on the font files > "Install"
- **Windows XP:** Put the font files into C:\Windows\Fonts
- **Mac OS X:** Double-click the font file > "Install font" button. [Other OS...](#)

15,007 fonts of which:
4,357 with accents
3,755 with the Euro symbol

Recently added fonts


Accents Euro BlackBoard by [imagex](#) [site](#) [\[1 comment\]](#)

in Script > [Trash](#)

Free for personal use

Download


[Donate to author](#)



=BLACKBOARD=

Resource Font Online (5)

<http://www.1001freefonts.com/>



Search For Fonts :

Welcome to 1001 Free Fonts - Download Free Fonts for Windows and Macintosh

[10,000 Fonts](#) [Signature Fonts](#) [Buy Fonts](#) [Font Search](#) [Fonts.com](#) [Web Fonts](#) [ITC Fonts](#) [Free Stuff](#) [Links](#) [FAQ](#) [Contact](#)

Alphabetically Organized Free Fonts : A B C D E F G H I J K L M N O P Q R S T U V W X Y Z #

3D	Bitmap/Pixel	Comic	Dotted	Greek/Roman	Italic	Old English	Rounded
Animal	Brush	Computer	Famous	Handwriting	LCD	Old School	Russian
Arabic	Calligraphy	Curly	Fire	Headline	Medieval	Outline	Sci Fi
Army/Stencil	Celtic	Decorative	Gothic	Horror	Mexican	Retro	Typewriter
Asian	Christmas	Distorted	Graffiti	Ice/Snow	Modern	Rock/Stone	Western

Resource Font Online (6)

<http://www.fonts500.com/>
<http://www.fontreactor.com/>
<http://www.fontation.com/>
<http://www.fontica.com/>
<http://www.abstractfonts.com/>
<http://www.fontfox.com/>
<http://www.fontspace.com/>
<http://www.showfont.net/>
<http://www.dailyfreefonts.com/>
<http://www.searchfreefonts.com/>
<http://www.fonts101.com/>
<http://www.fontcubes.com/>
<http://www.fontstock.net/>
<http://www.simplythebest.net/fonts/>
<http://www.urbanfonts.com/>

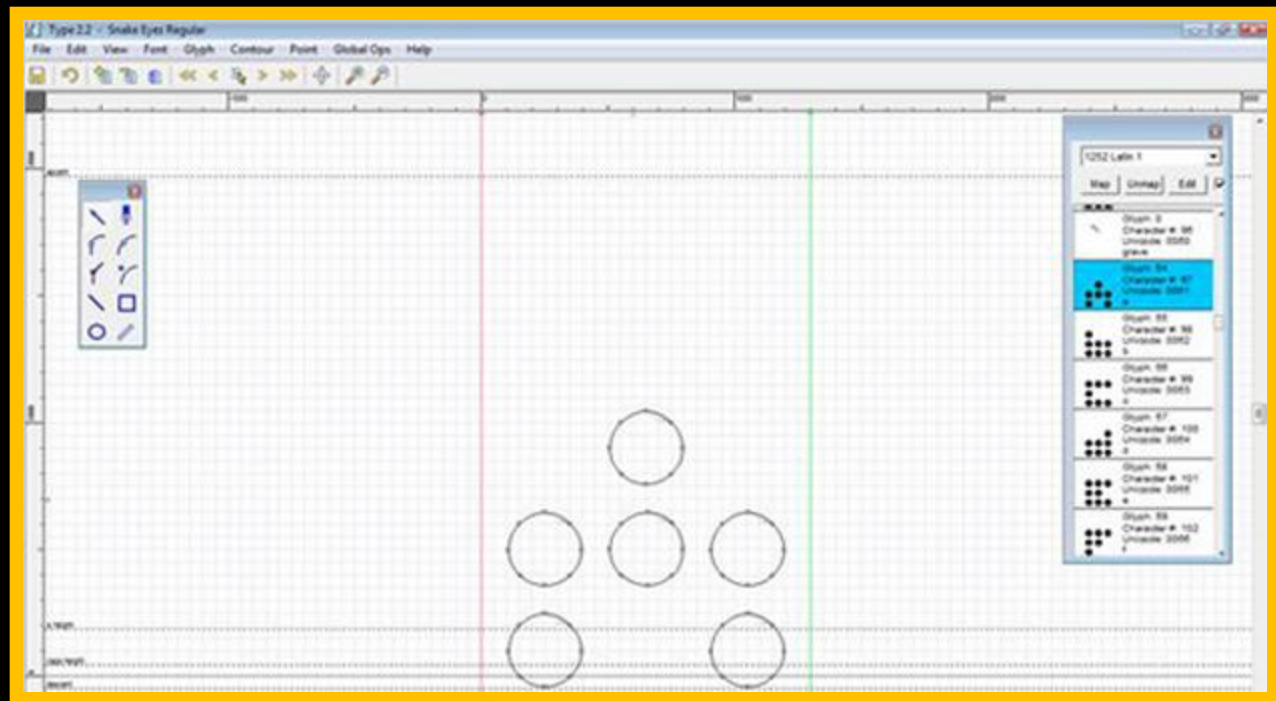
Tool Pembuat Font

Fontstruct (<http://fontstruct.fontshop.com/>)



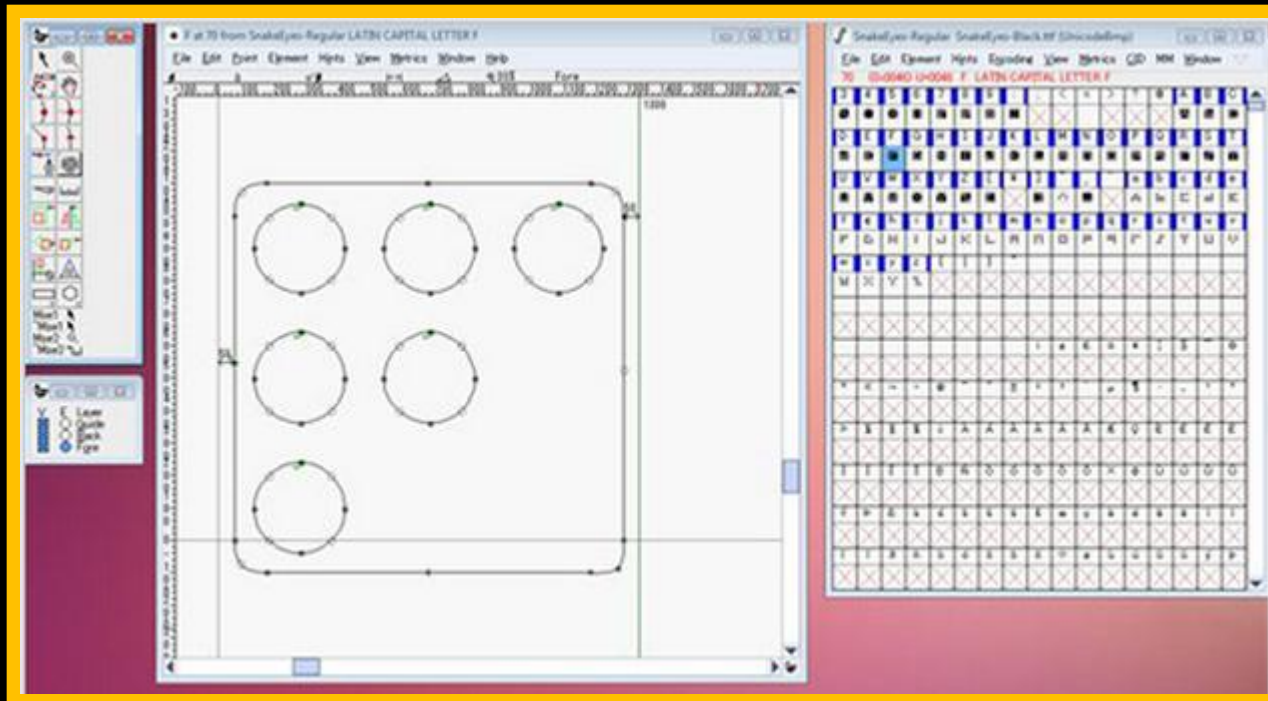
Tool Pembuat Font

- Type light 2.2
(<http://cr8.netfirms.com/typelight.html>)



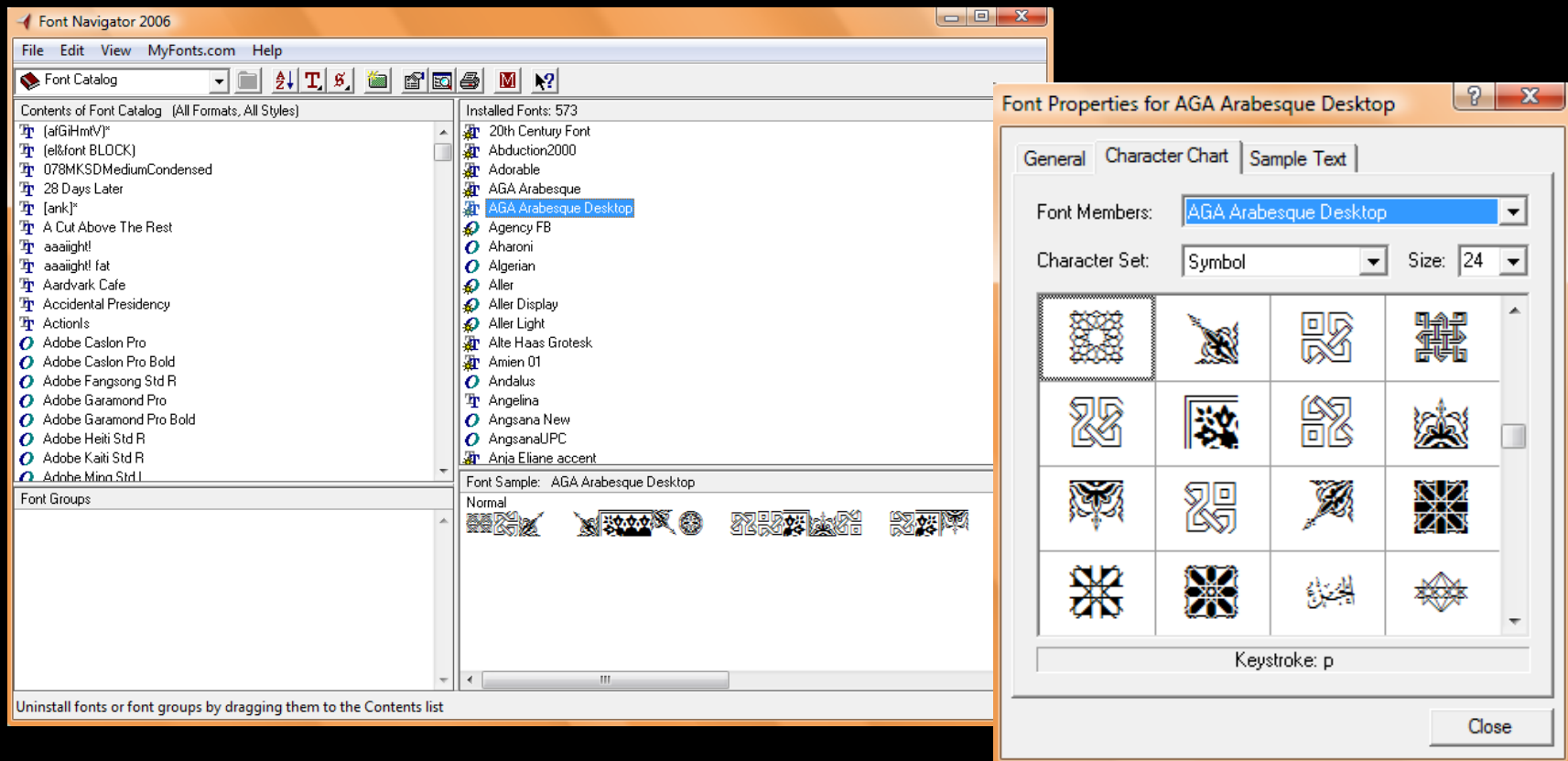
Tool Pembuat Font

FontForge (<http://fontforge.sourceforge.net/>)



Tool Managemen Font

Font Navigator (Corel)



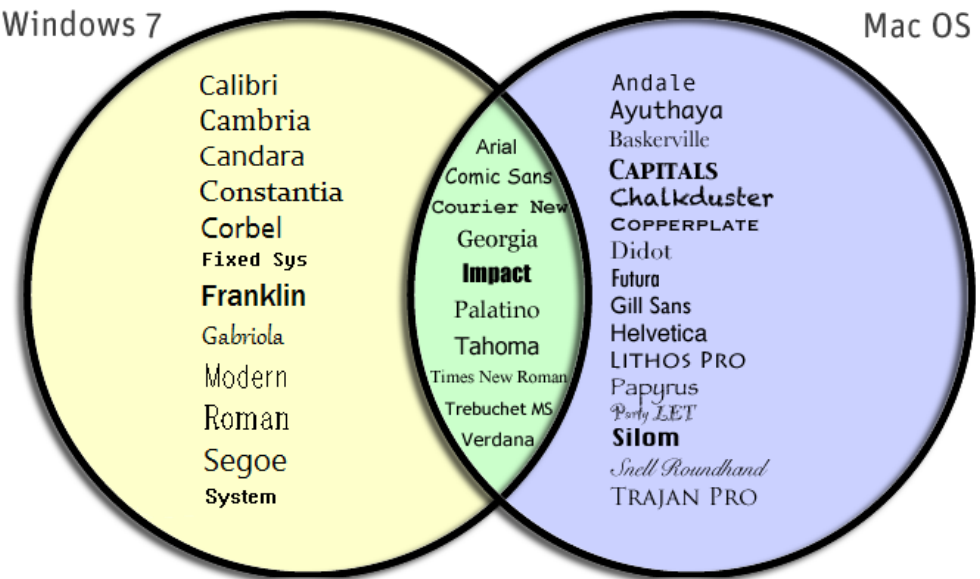
Default Font

Web safe and common fonts

Generic	Font	Windows 9x/2K/XP	Windows Vista	Mac Classic	Mac OS X	Linux Unix
serif	Cambria		✓			
	Constantia		✓			
	Times New Roman	✓	✓	✓	✓	✓
	Times			✓	✓	✓
	Georgia	✓	✓	✓	✓	✓
sans-serif	Andale Mono	✓	✓	✓	✓	✓
	Arial	✓	✓	✓	✓	✓
	Arial Black	✓	✓	✓	✓	✓
	Calibri		✓			
	Candara		✓			
	Century Gothic	✓	✓	✓	✓	✓

Windows 7

Mac OS X



Selesai

- Ilmu Typografi
- Macam Huruf
- Jenis Hurud Roman
- Anatomi Huruf
- Font Sesuai Anatomi
- Geometri Huruf
- Font Family
- IstilahFont
- Popular Font
- Resource Font
- Online Fonts
- Tool Font Maker
- Tools Manage Font