

CSS3 : L'ÈRE DES "ICON FONTS"

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mfg labs.


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Lead Designer

@im_charp

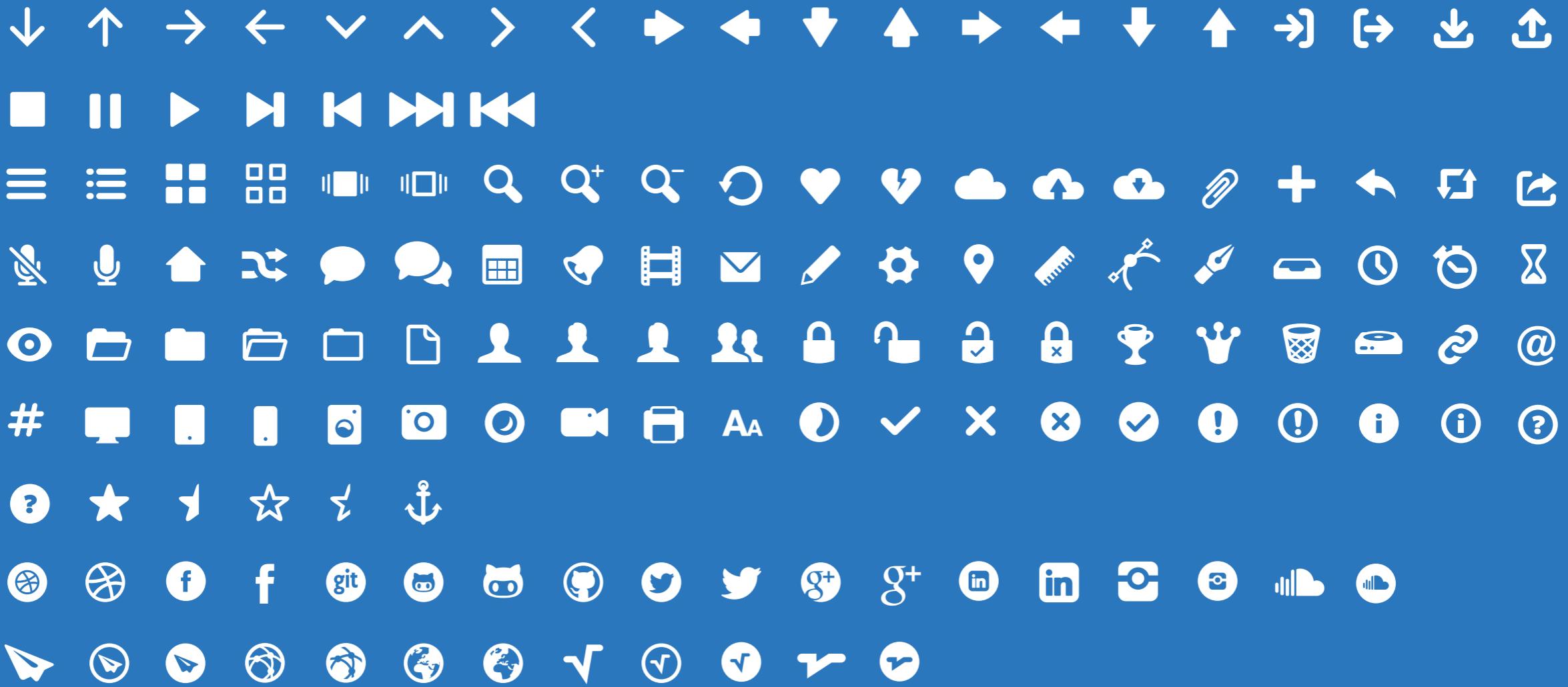
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Thibaut Baillet

Front-end développeur

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thibaut.baillet@mfglabs.com

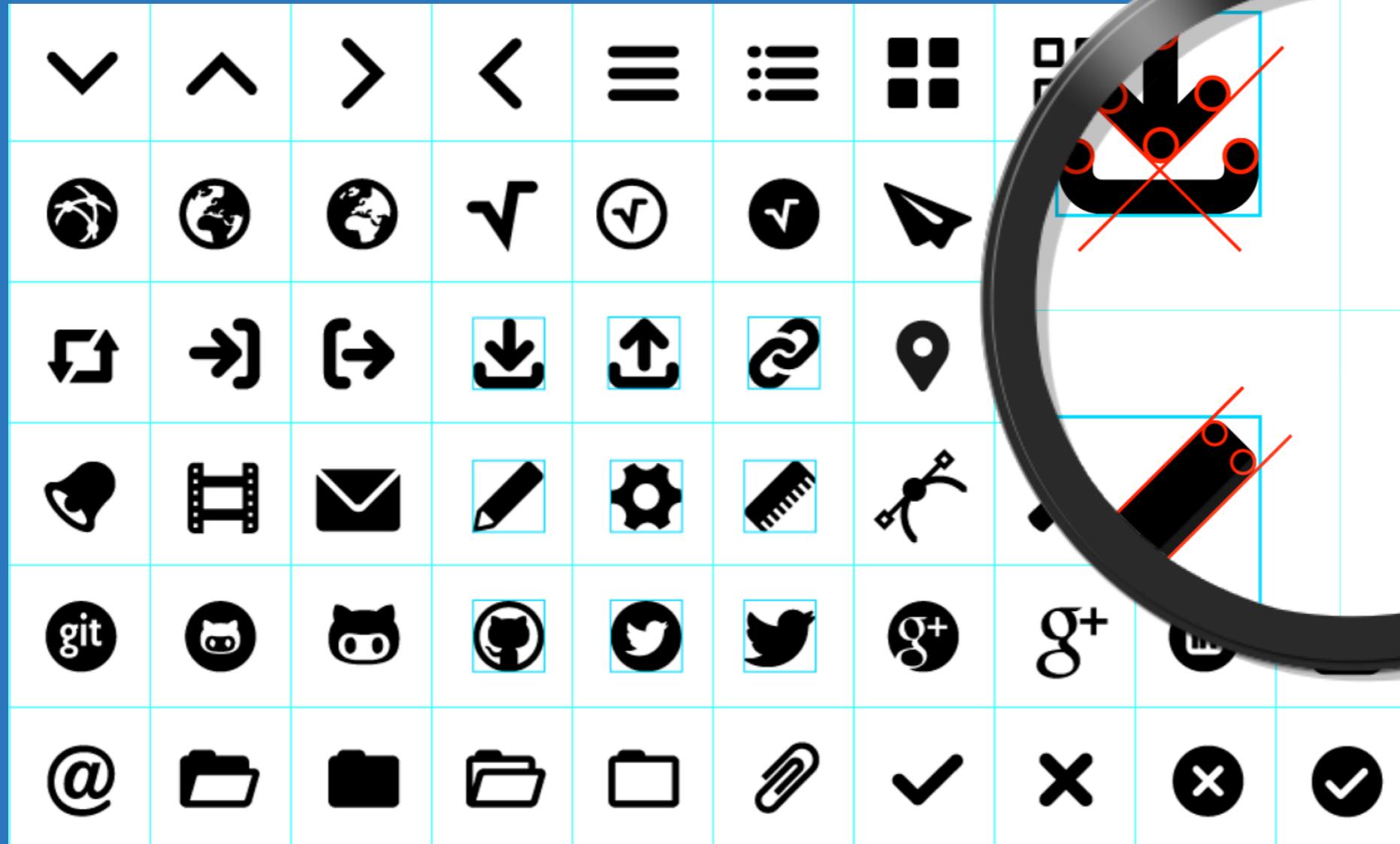


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TECHNIQUES

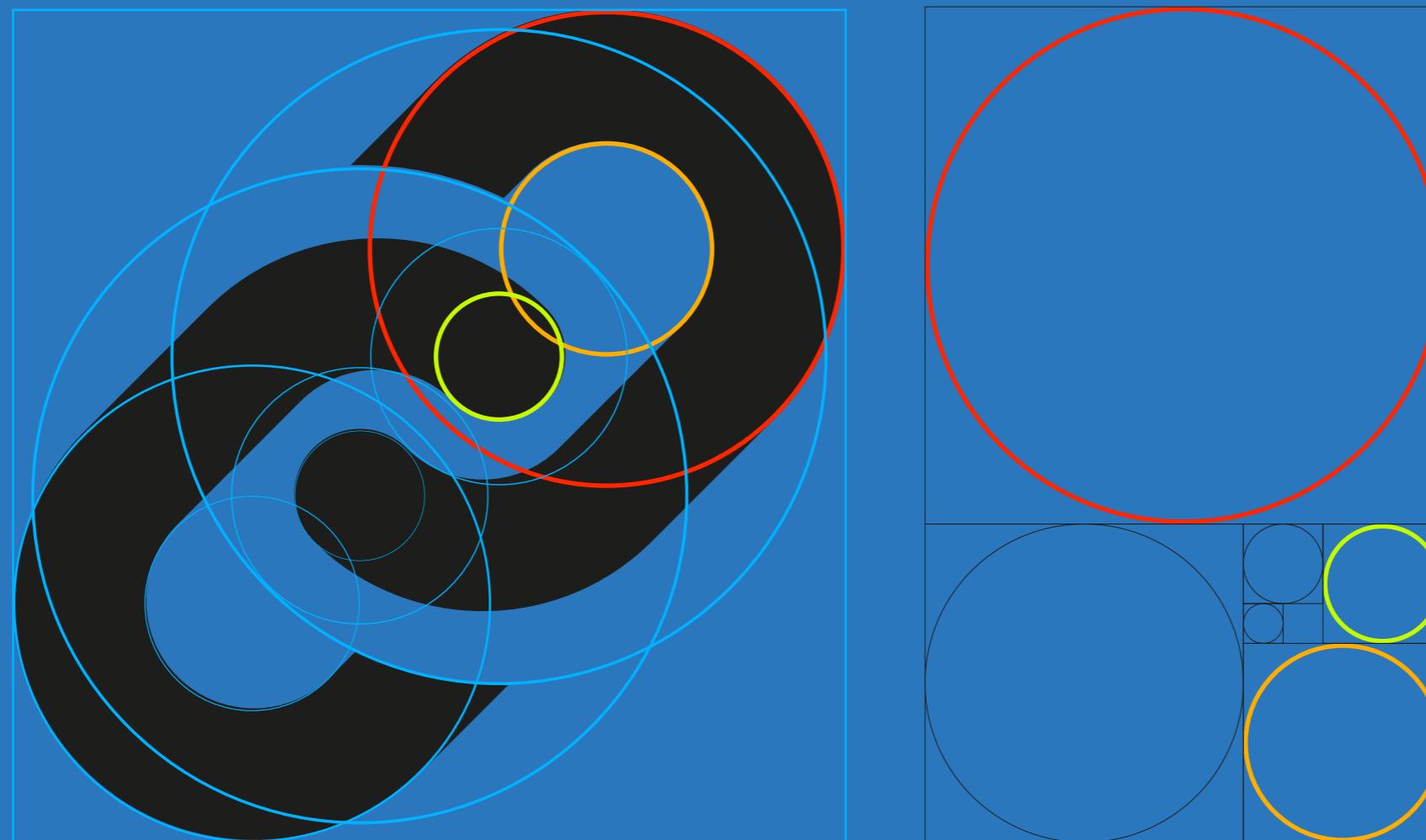
Grilles guides et cercles

(Pour conserver une unité d'un pictogramme à l'autre il faut s'astreindre à respecter des règles)



Proportions et formes

(Le respect strict de règles mathématiques n'est pas indispensable. L'utilisation de formes géométriques permettent de structurer plus harmonieusement les courbes et formes qui constituent l'icône.)

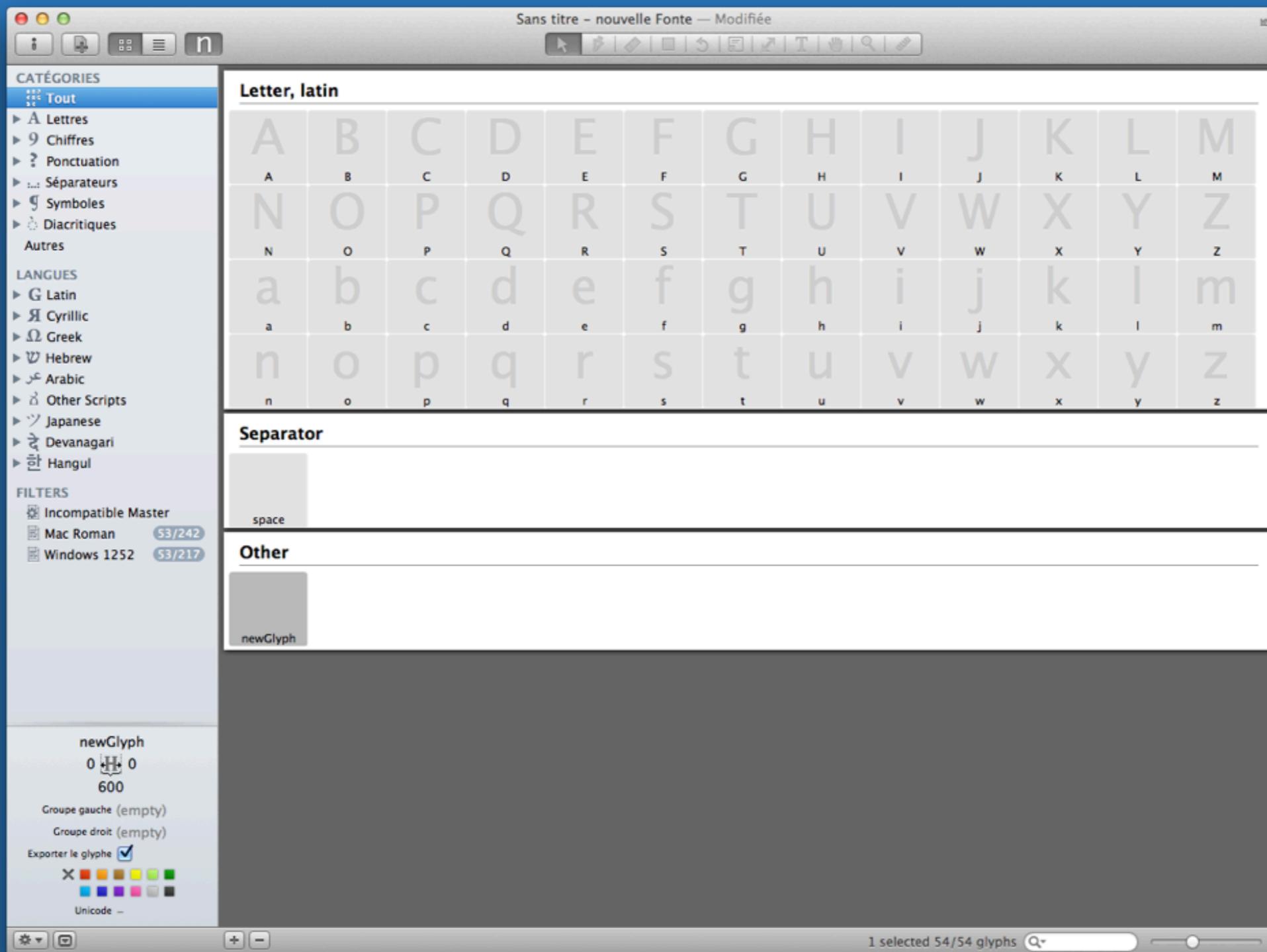


Du fichier .AI au .OTF

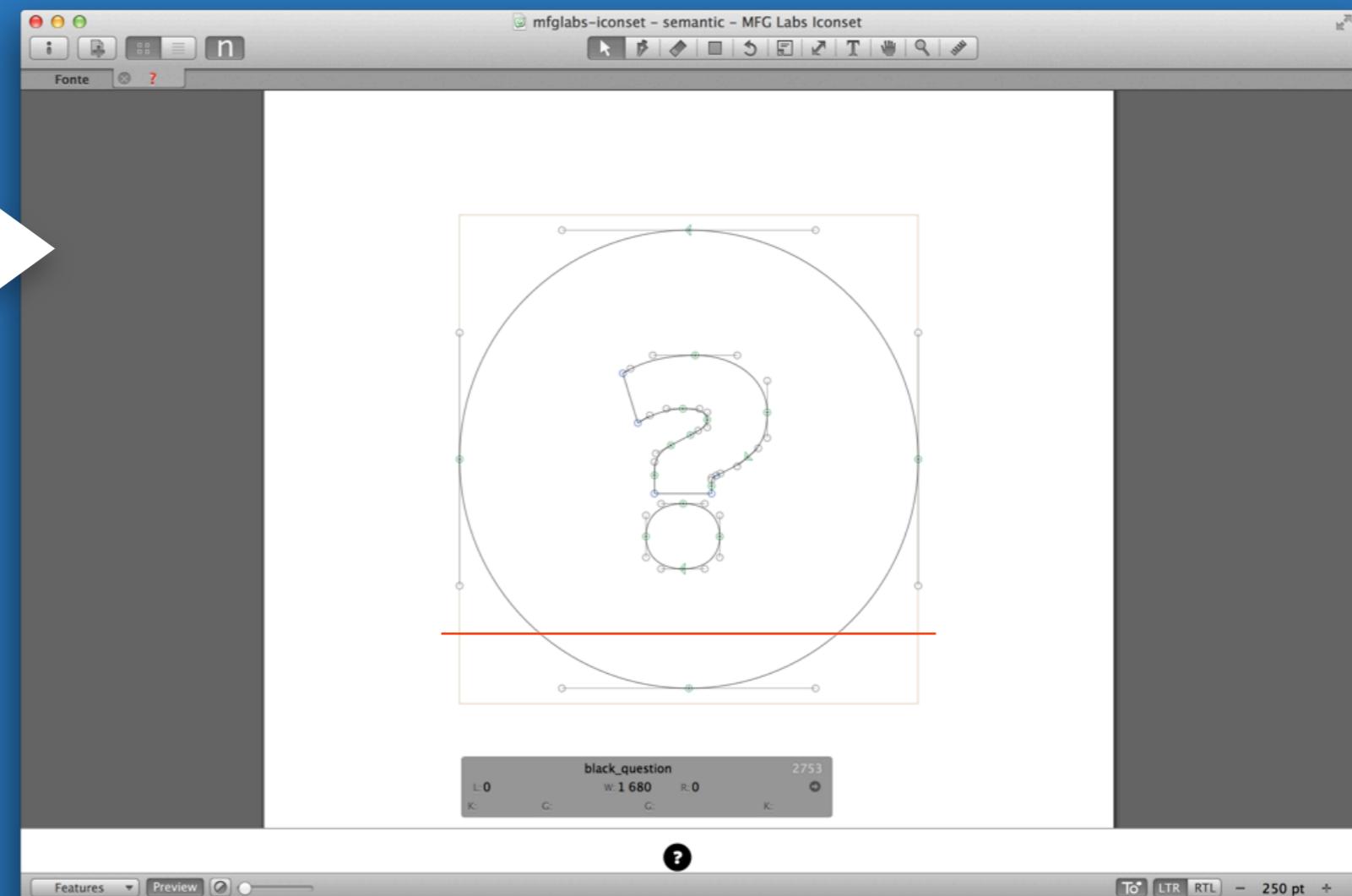
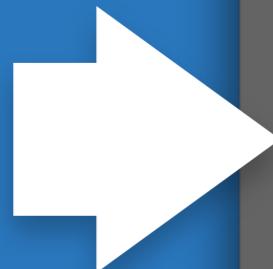


GLYPHS app

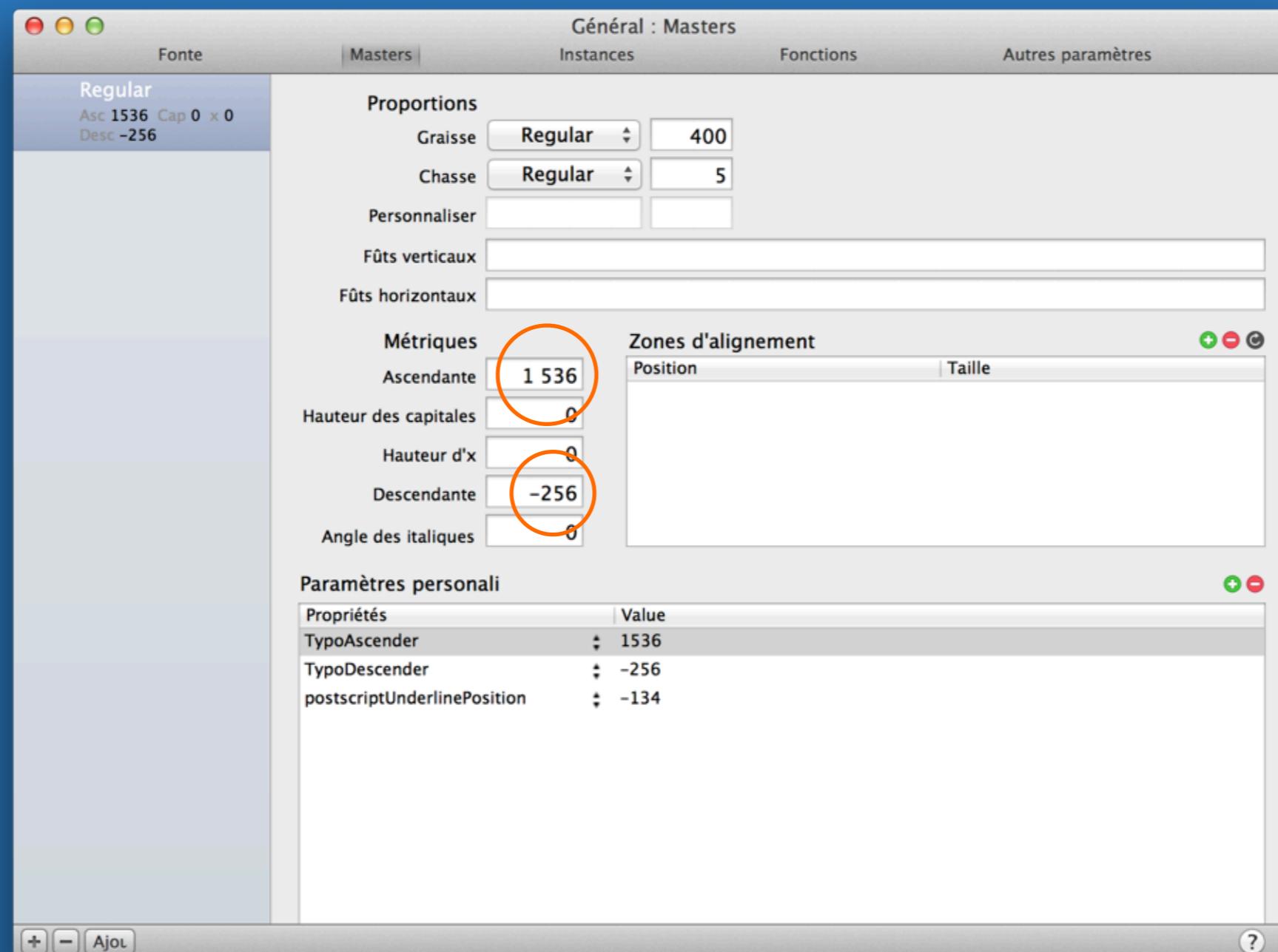
Glyphs



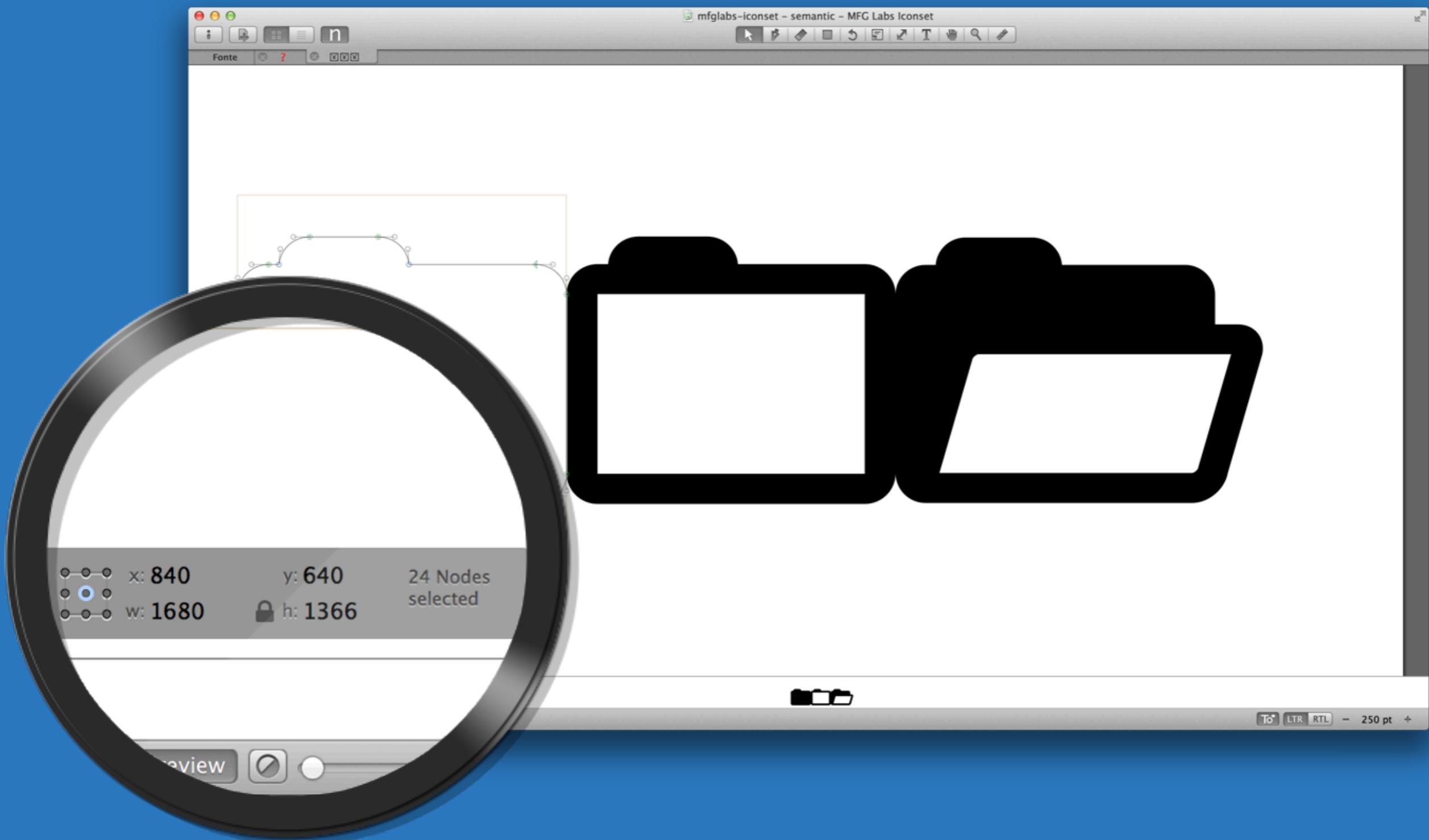
Copier / coller



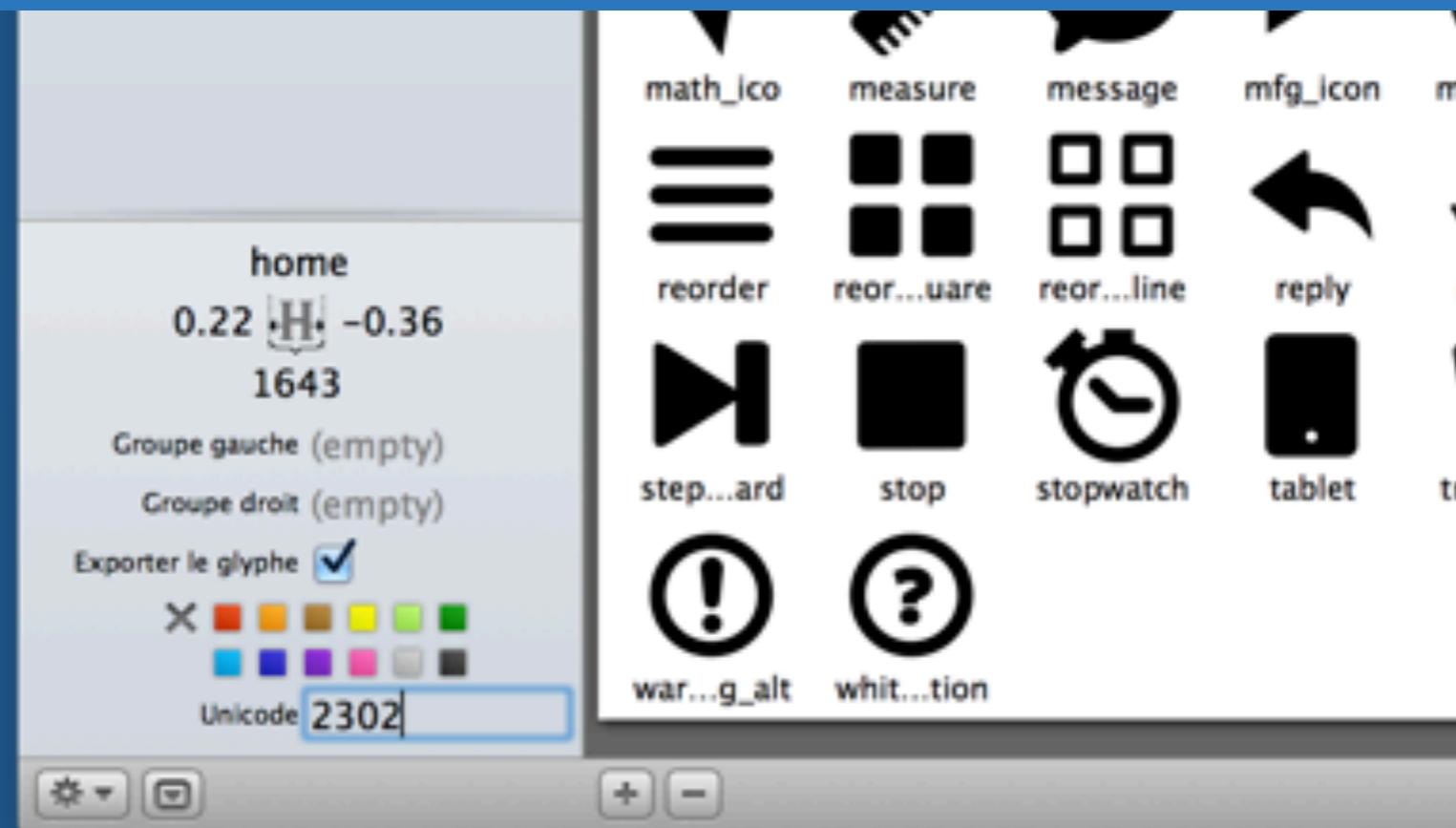
Ascendante & descendante



Alignment



Attribution des unicodes





Unicode : standard pour les caractères

Des milliers d'unicodes pour les formes et symboles

(Arrows, Currency Symbols, Geometric Shapes, etc...)

Standardise l'utilisation d'icônes

Assignment logique d'unicode

Fallback	MFG Labs Icons	Name	Unicode
		Pencil	0x1f4c5
		Cloud	0x2601
		Anchor	0x2693

Private use area

Assignment au gamme private use plutôt qu'à des unicodes correspondant à des lettres

Range : E000 ... F8FF (6400 UNICODES)

A to Z Index of Unicode Characters

www.fileformat.info/info/unicode/char/a.htm

FileFormat.Info

Search

You are in FileFormat.Info » Info » Unicode » Characters

A to Z Index of Unicode Characters: starting with 'A'



 Search

[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](#) [Other](#)

Description	Unicode Value
A WITH ACUTE, LATIN CAPITAL LETTER	U+00C1
A WITH ACUTE, LATIN SMALL LETTER	U+00E1
A WITH BREVE, LATIN SMALL LETTER	U+0103
A WITH CARON, LATIN SMALL LETTER	U+01CE
A WITH CIRCUMFLEX, LATIN CAPITAL LETTER	U+00C2
A WITH CIRCUMFLEX, LATIN SMALL LETTER	U+00E2
A WITH DIAERESIS, LATIN CAPITAL LETTER	U+00C4
A WITH DIAERESIS, LATIN SMALL LETTER	U+00E4
A WITH DOT ABOVE, LATIN SMALL LETTER	U+0227
A WITH DOT BELOW, LATIN SMALL LETTER	U+1EA1
A WITH DOUBLE GRAVE, LATIN SMALL LETTER	U+0201
A WITH GRAVE, LATIN CAPITAL LETTER	U+00C0
A WITH GRAVE, LATIN SMALL LETTER	U+00E0

Unicode 6.2 Character Code Charts			
SCRIPTS SYMBOLS NOTES			
Find chart by code: <input type="text" value="2693"/> <input type="button" value="Go"/> Related links: Name index Help & links			
Scripts			
European Scripts	African Scripts	South Asian Scripts	Philippine Scripts
Armenian Armenian Ligatures	Bamum Bamum Supplement	Bengali and Assamese Brahmi	Buhid Hanunoo
Coptic Coptic in Greek block	Egyptian Hieroglyphs (1MB)	Chakma Devanagari	Tagalog Tagbanwa
Cyriloc Syllabary	Ethiopic Supplement	Devanagari Extended	East Asian Scripts
Cyrillic Cyrillic Supplement Cyrillic Extended-A Cyrillic Extended-B	Ethiopic Extended Ethiopic Extended-A	Gujarati Kaithi	Bopomofo Bopomofo Extended
Georgian Georgian Supplement	Meroitic Cursive Meroitic Hieroglyphs	Kannada Kharoshthi	CJK Unified Ideographs (Han) (35MB) CJK Extension-A (6MB) CJK Extension B (40MB) CJK Extension C (3MB) CJK Extension D
Glagolitic	N'Ko	Lepcha	(see also Unihan Database)
Gothic	Osmanya	Limbu	CJK Compatibility Ideographs (.5MB) CJK Compatibility Ideographs Supplement
Greek Greek Extended	Tifinagh	Malayalam	CJK Radicals / KangXi Radicals CJK Radicals Supplement CJK Strokes Ideographic Description Characters
Latin Basic Latin (ASCII) Latin-1 Supplement Latin Extended-A Latin Extended-B Latin Extended-C Latin Extended-D Latin Extended Additional Latin Ligatures Fullwidth Latin Letters	Vai Middle Eastern Scripts Arabic Arabic Supplement Arabic Extended-A Arabic Presentation Forms-A Arabic Presentation Forms-B	Meetei Mayek Meetei Mayek Extensions Ol Chiki Oriya Saurashtra Sharada Sinhala Sora Sompeng Syloti Nagri Takri Tamil Telugu Thaana Vedic Extensions	Hangul Jamo Hangul Jamo Extended-A Hangul Jamo Extended-B Hangul Compatibility Jamo Halfwidth Jamo Hangul Syllables (.7MB) Hiragana Katakana Katakana Phonetic Extensions Kana Supplement Halfwidth Katakana
Linear B Linear B Syllabary Linear B Ideograms	Aramaic, Imperial Avestan Carian Cuneiform (1MB) Cuneiform Numbers and Punctuation Old Persian Ugaritic	Hebrew Hebrew Presentation Forms	Balinese Batak Buginese Cham Javanese Kayah Li Khmer Khmer Symbols
Ogham	Lydian	Southeast Asian Scripts	Kanbun Lisu Miao Yi Yi Syllables (.5MB) Yi Radicals
Old Italic	Mandaic		
Phaistos Disc	Old South Arabian		
Runic	Pahlavi, Inscriptional		
Shavian	Parthian, Inscriptional		
Phonetic Symbols	Phoenician		
IPA Extensions			
Phonetic Extensions			

HTML5 & CSS3

Les formats (compatibilités)



Compatibilités mobiles



@font-face

```
1 @font-face {  
2     font-family: 'icon';  
3     src: url('font/mfg-icon.eot');  
4     src: url('font/mfg-icon.eot?#iefix') format('embedded-opentype'),  
5          url('font/mfg-icon.woff') format('woff'),  
6          url('font/mfg-icon.ttf') format('truetype'),  
7          url('font/mfg-icon.svg#icon') format('svg');  
8     font-weight: normal;  
9     font-style: normal;  
10 }  
11 }  
12 font-style: normal;  
13 font-weight: normal;
```

Font face Kit



Font face Kit

Create Your Own @font-face Kit

www.fontsquirrel.com/tools/webfont-generator

Add Fonts

You currently have no fonts uploaded.

BASIC Straight conversion with minimal processing.
OPTIMAL Recommended settings for performance and speed.
EXPERT... You decide how best to optimize your fonts.

Font Formats: TrueType EOT Lite
 WOFF EOT Compressed SVG

TrueType Hinting: Font Squirrel Keep Existing

Rendering: Fix Vertical Metrics Normalize across browsers Fix GASP Table Better DirectWrite Rendering Remove font from font stack

Fix Missing Glyphs: Spaces Hyphens

X-height Matching: Resize to match the selected font's x-height.
None 100% Arial
 Verdana
 Trebuchet

Protection: WebOnly™ Disable desktop use

Subsetting: Basic Subsetting Western languages Custom Subsetting...
Custom Support

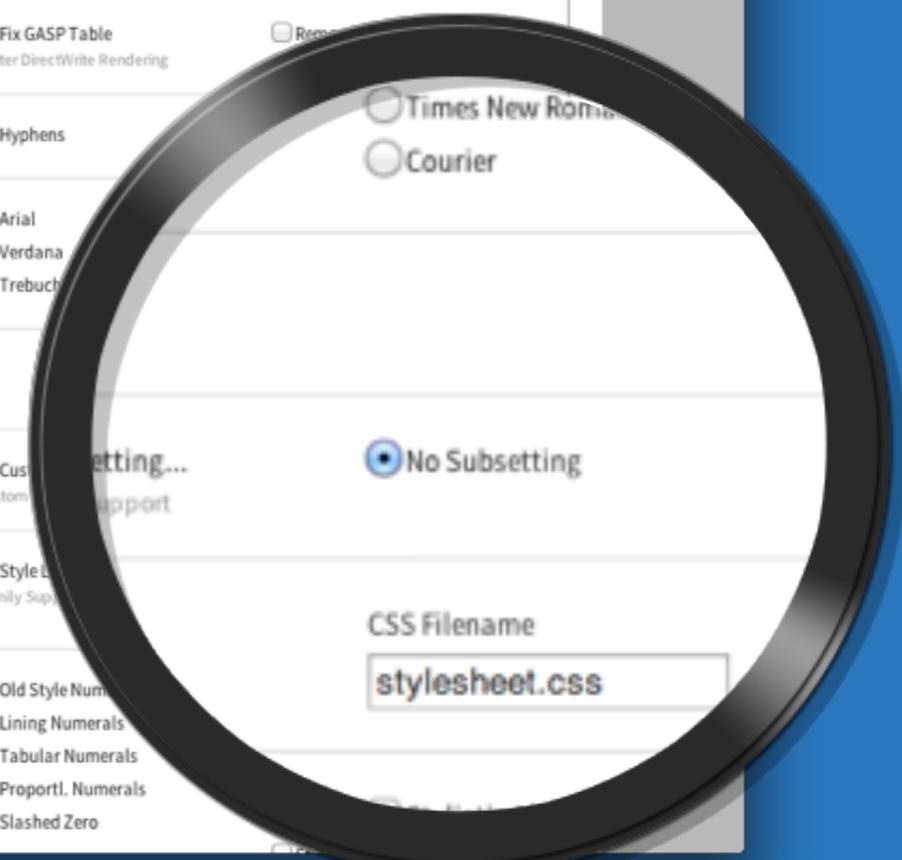
CSS: Base64 Encode Embed font in CSS Style Library Family Support

OpenType Options: If the features are available, the generator will fold them into the font.
 Small Caps Old Style Numerals
 Caps to Sm. Caps Lining Numerals
 Tabular Numerals Proportional Numerals
 Slashed Zero

Times New Roman
Courier

No Subsetting

CSS Filename
stylesheet.css



Class générique

```
1 .icon{  
2   font-family: 'icon';  
3   speak: none;  
4   font-style: normal;  
5   font-weight: normal;  
6   text-transform: none;  
7   line-height: 1;  
8   -webkit-font-smoothing: antialiased;  
9 }  
0 }  
1 -webkit-text-smoothness: auto;  
2 text-smooth: 1;
```

Implémentation

CSS

```
1 .icon-arrow_up:before { content: "\2191"; }
2 .icon-arrow_down:before { content: "\2193"; }
3 .icon-arrow_right:before { content: "\2192"; }
4 .icon-arrow_left:before { content: "\2190"; }
5 .icon-arrow-left-right:before { content: "\2196"; }
```

HTML

```
1 <i class="icon icon-arrow_up" aria-hidden="true" ></i>
```



Implémentation

CSS

```
1 .icon:before { content: attr(data-icon); }
```

HTML

```
1 <i class="icon" data-icon="\2191" aria-hidden="true" ></i>
```

Fix IE7 & 8

<https://gist.github.com/Thibaut-B/5383783>

Customisation



```
1 <i class="icon-cloud icon3x" aria-hidden="true"></i>
```

```
1 .icon2x { font-size: 2em; }
2 .icon3x { font-size: 3em; }
3
4 .resetSize { font-size: 1rem; }
5 .listReset { font-size: 1rem; }
```

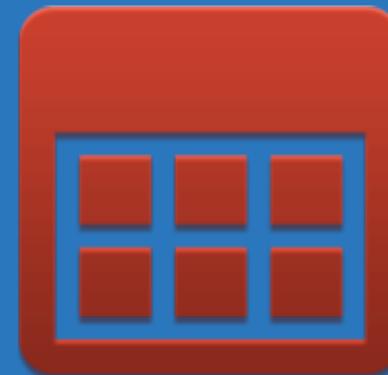
Customisation



```
1 <i class="icon-exemple gradient" aria-hidden="true"></i>
```

```
1 .gradient {
2   color: #999;
3   text-shadow: 1px 1px 1px rgba(27, 27, 27, 0.19);
4
5   background-image: -webkit-gradient(
6     linear,
7     left top, left bottom,
8     from(rgba( 182, 182, 182, 1)),
9     to(rgba(60, 60, 60, 1))
10    );
11  background-clip: text;
12  -webkit-background-clip: text;
13  -webkit-text-fill-color: transparent;
14 }
15
16 -webkit-text-clip-path: transparent;
17 -webkit-background-clip: text;
18 background-clip: text;
19 }
```

Customisation



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14 }
15
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17 -webkit-background-clip: text;
18 background-clip: text;
19 }
```

Customisation



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9     to(rgba(60, 60, 60, 1))
10    );
11  background-clip: text;
12  -webkit-background-clip: text;
13  -webkit-text-fill-color: transparent;
14 }
15
16 -webkit-text-clip-path: transparent;
17 -webkit-background-clip: text;
18 background-clip: text;
19 }
```

Customisation



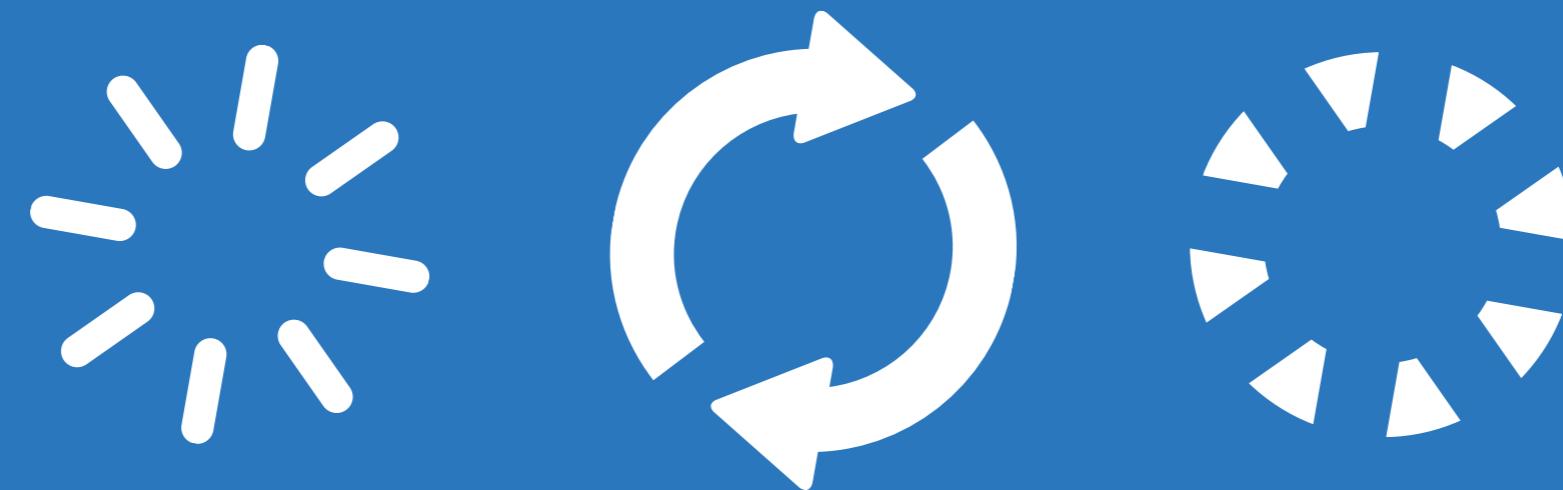
```
1 <i class="icon-spin animate-spin" aria-hidden="true"></i>
```

```
1 .animate-spin{ animation: spin 2s infinite linear; }

2 @keyframes spin{
3     0%{
4         transform:rotate(0)
5     }
6     100%{
7         transform:rotate(359deg)
8     }
9 }
10 }

11 }
```

Customisation



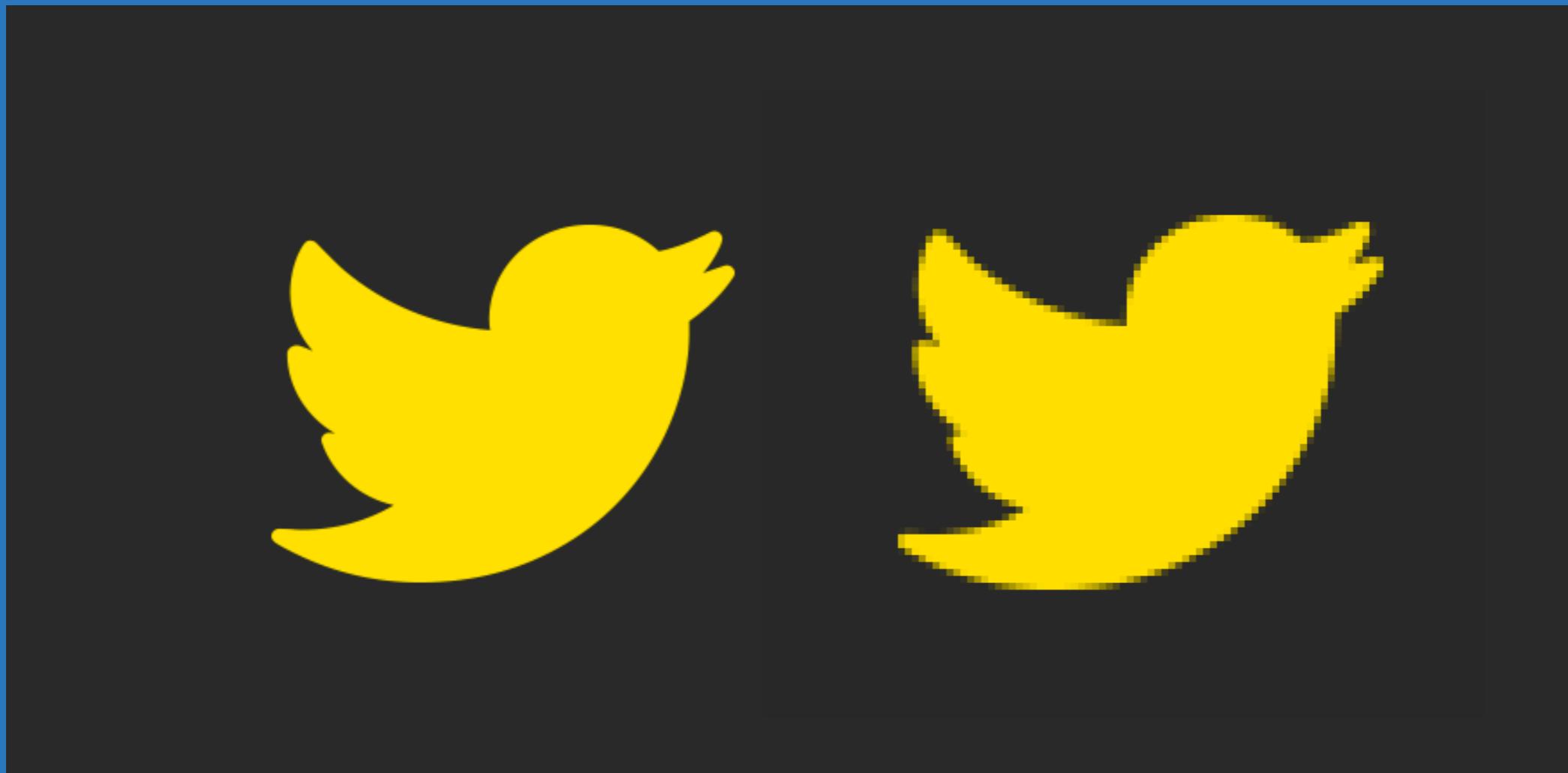
```
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1 .animate-spin{ animation: spin 2s infinite linear; }

2 @keyframes spin{
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4         transform:rotate(0)
5     }
6     100%{
7         transform:rotate(359deg)
8     }
9 }
10 }

11 }
```

Retina ready

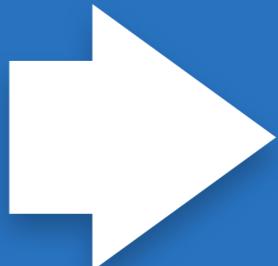


Performance

Image sprite : 650kb

Yslow: 82

Google Speed Score : 90



TTF Font : 11kb

Yslow: 88

Google Speed Score : 96



MERCI

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Liens utiles

[**http://designshack.net/articles/graphics/twitters-new-logo-the-geometry-and-evolution-of-our-favorite-bird/**](http://designshack.net/articles/graphics/twitters-new-logo-the-geometry-and-evolution-of-our-favorite-bird/)

[**https://github.com/blog/1135-the-making-of-octicons**](https://github.com/blog/1135-the-making-of-octicons)

[**http://www.somerandomdude.com/2012/01/31/font-embedding-icons-the-right-way/**](http://www.somerandomdude.com/2012/01/31/font-embedding-icons-the-right-way/)

[**http://www.codestyle.org/css/at-font-face/StandardUnicodeIconsWebFonts.shtml**](http://www.codestyle.org/css/at-font-face/StandardUnicodeIconsWebFonts.shtml)

[**http://www.fileformat.info/info/unicode/char/a.htm**](http://www.fileformat.info/info/unicode/char/a.htm)

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