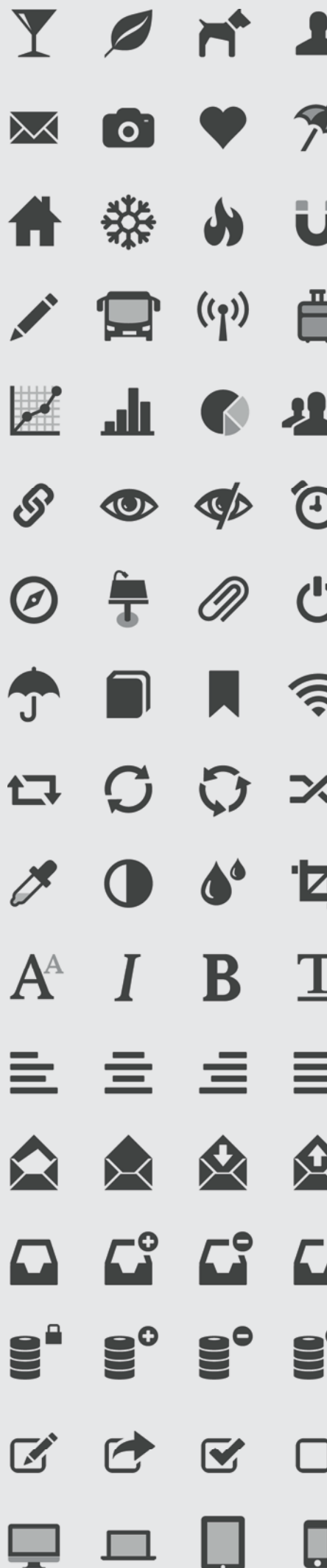# Handbook

GLYPHICONS.com

This very simple handbook is intended for all GLYPHICONS PRO users, who will decide to use the icons on the Web. It contains a brief introduction and the examples of how to use the icons, including the examples of the source code and brief FAQ.
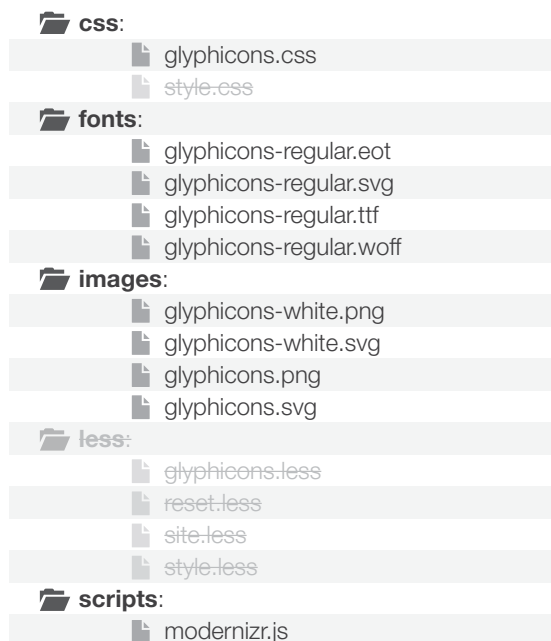
GLYPHICONS for the Web

GLYPHICONS may be used either **as an image** or **as a font**. The image version is retina ready in two filetypes. The SVG format is not supported by some older web browsers and therefore it is necessary to have modernizer.js in your HTML header with running Inline SVG detection.

In case you'll decide to implement the icons using the font you'll be able to change their color, size and even animate them very easily. Simply by changing classes it is possible to change the color of the icons from dark grey to white, etc.

How to Implement GLYPHICONS into the Website

To incorporate GLYPHICONS into the website is quite easy. The compatibility is ensured in all modern browsers by using HTML5, CSS and simple javascript.

1. **Copy These Files into Your File Structure:**

📁 **css**:
    📄 glyphicons.css
    📄 style.css

📁 **fonts**:
    📄 glyphicons-regular.eot
    📄 glyphicons-regular.svg
    📄 glyphicons-regular.ttf
    📄 glyphicons-regular.woff

📁 **images**:
    📄 glyphicons-white.png
    📄 glyphicons-white.svg
    📄 glyphicons.png
    📄 glyphicons.svg

📁 **less**:
    📄 glyphicons.less
    📄 reset.less
    📄 site.less
    📄 style.less

📁 **scripts**:
    📄 modernizr.js

2. **Edit Your HTML Header**

```
1   <html>
2   <head>
3
4     <title>GLYPHICONS as a font - test page</title>
5
6     <link rel="stylesheet" href="css/glyphicons.css">
7     <script src="scripts/modernizr.js"></script>
8
9   </head>
10  <body>
11
12
13  /* here is a place for your content and icons itself */
14
15
16  </body>
17  </html>
18
19
20
```

3. **Use Icons in Your Content**

```
1   <i class="glyphicons-icon glass"></i>          /* dark icon by image */
2   <i class="glyphicons-icon white glass"></i>    /* light icon by image */
3
4   <a href="" class="glyphicons glass"></a>       /* dark icon by font */
5   <a href="" class="glyphicons white glass"></a> /* light icon by font */
6
7
```

Anything Doesn't Work Well?

- Make sure that you're using the correct file structure and all the files are properly included in your HTML header.

- Internet Explorer 7 and older browsers doesn't support the font-face and therefore it's more appropriate to insert the icons through an image.

- In case that the icons doesn't appear in Internet Explorer 7 or 8 as an image, it can be caused by missing modernizer.js in your HTML header, which is used to aid detection of SVG.

- When the icons are blurred, make sure that you're using default 12px size for Halflings, 24px size for regular GLYPHICONS or multiples of this size.

- Also check your CSS file and make certain that it includes all the default values as a webkit-font-smoothing, etc.

- Unfortunately, using the font formate isn't a perfect way, but at this time there is no other way how to keep the icons sharp in all sizes on all devices. Please, keep this in your mind.

Any Unclear Things?

SVG Format

The SVG specification is an open standard and thanks to its cross-browser support of more than 70% it can be used almost anytime on the web.

- http://coding.smashingmagazine.com/2012/08/20/towards-retina-web/

- http://en.wikipedia.org/wiki/Scalable_Vector_Graphics

Modernizr

Modernizr is a right micro-library to get you up. It runs with HTML5 & CSS3 today and it is licensed under the MIT license.

- http://modernizr.com/

- http://www.opensource.org/licenses/mit-license.php

LESS

LESS extends CSS with dynamic behavior such as variables, mixins, operations and functions. LESS runs on both the client-side (Chrome, Safari, Firefox) and server-side, with Node.js and Rhino.
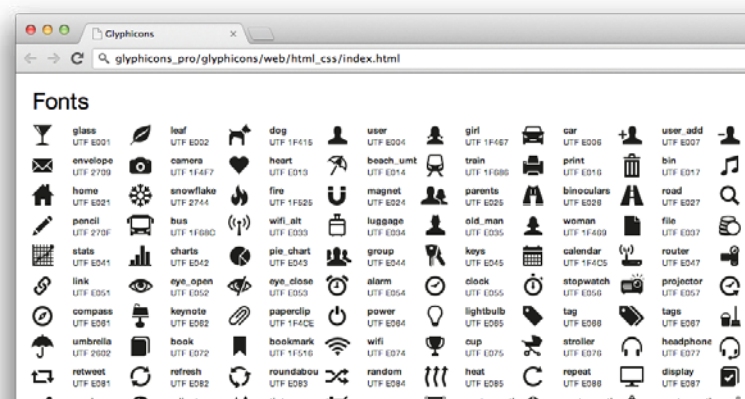
- http://lesscss.org/

Icon Font

Icon font includes all GLYPHICONS as a vectors in one small file. You can change theirs colors, size or even animate them. If you want to create your own font, I would recommend using a great app called Glyphs.

- http://glyphsapp.com/

List of the Icons and Their CSS Classes

- If you're looking for a list of the all icons and their CSS classes and names, please open this file and you'll get a full list with the live preview:

☞ **GLYPHICONS PRO/../web/html_css/index.html**

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GLYPHICONS.com

GLYPHICONS PRO - Folder Structure

GLYPHICONS

- 📁 **ai**
  - 📄 glyphicons.ai
  - 📄 glyphicons@2x.ai
- 📁 **font**
  - 📄 glyphicons-regular.otf
  - 📄 glyphicons-regular.ttf
- 📁 **pdf**
  - 📄 glyphicons.pdf
  - 📄 glyphicons@2x.pdf
  - 📁 **paged**
    - 📄 glyphicons.pdf
    - 📁 **glyphicons_individual_pdf**
      - 📄 glyphicons_1.pdf
      - ...
- 📁 **png**
  - 📄 glyphicons_000_glass.png
  - ...
- 📁 **psd**
  - 📄 glyphicons.psd
  - 📄 glyphicons@2x.psd
- 📁 **svg**
  - 📄 glyphicons.svg
  - 📄 glyphicons@2x.svg
- 📁 **web**
  - 📁 **html_css**
    - 📁 **css**
      - 📄 glyphicons.css
      - 📄 style.css
    - 📁 **fonts**
      - 📄 glyphicons-regular.ttf
      - ...
    - 📁 **images**
      - 📄 glyphicons.png
      - ...
    - 📄 index.html
    - 📁 **less**
      - 📄 glyphicons.less
      - ...
    - 📁 **scripts**
      - 📄 modernizr.js
      - 📄 modernizr_license.txt
  - 📁 **psd-web**
    - 📁 **dark**
      - 📄 glyphicons.psd
    - 📁 **light**
      - 📄 glyphicons.psd
  - 📁 **svg-web**
    - 📁 **dark**
      - 📄 glyphicons.svg
    - 📁 **light**
      - 📄 glyphicons.svg

GLYPHICONS Halflings

- 📁 **ai**
  - 📄 glyphicons_halflings.ai
  - 📄 glyphicons_halflings@2x.ai
- 📁 **font**
  - 📄 glyphicons_halflings-regular.otf
  - 📄 glyphicons_halflings-regular.ttf
- 📁 **pdf**
  - 📄 glyphicons_halflings.pdf
  - 📄 glyphicons_halflings@2x.pdf
  - 📁 **paged**
    - 📄 glyphicons_halflings.pdf
    - 📁 **halflings_individual_pdf**
      - 📄 halflings_1.pdf
      - ...
- 📁 **png**
  - 📄 glyphicons_halflings_000_glass.png
  - ...
- 📁 **psd**
  - 📄 glyphicons_halflings.psd
  - 📄 glyphicons_halflings@2x.psd
- 📁 **svg**
  - 📄 glyphicons_halflings.svg
  - 📄 glyphicons_halflings@2x.svg
- 📁 **web**
  - 📁 **html_css**
    - 📁 **css**
      - 📄 halflings.css
      - 📄 style.css
    - 📁 **fonts**
      - 📄 glyphicons-halflings-regular.ttf
      - ...
    - 📁 **images**
      - 📄 glyphicons_halflings.png
      - ...
    - 📄 index.html
    - 📁 **less**
      - 📄 halflings.less
      - ...
    - 📁 **scripts**
      - 📄 modernizr.js
      - 📄 modernizr_license.txt
  - 📁 **psd-web**
    - 📁 **dark**
      - 📄 glyphicons_halflings.psd
    - 📁 **light**
      - 📄 glyphicons_halflings.psd
  - 📁 **svg-web**
    - 📁 **dark**
      - 📄 glyphicons_halflings.svg
    - 📁 **light**
      - 📄 glyphicons_halflings.svg

GLYPHICONS PRO - Folder Structure

GLYPHICONS Filetypes

- 📁 **ai**
  - 📄 glyphicons_filetypes.ai
  - 📄 glyphicons_filetypes@2x.ai
- 📁 **font**
  - 📄 glyphicons_filetypes-regular.otf
  - 📄 glyphicons_filetypes-regular.ttf
- 📁 **pdf**
  - 📄 glyphicons_filetypes.pdf
  - 📄 glyphicons_filetypes@2x.pdf
  - 📁 **paged**
    - 📄 glyphicons_filetypes.pdf
    - 📁 **filetypes_individual_pdf**
      - 📄 filetypes_1.pdf
      - ...
- 📁 **png**
  - 📄 glyphicons_filetypes_000_glass.png
  - ...
- 📁 **psd**
  - 📄 glyphicons_filetypes.psd
  - 📄 glyphicons_filetypes@2x.psd
- 📁 **svg**
  - 📄 glyphicons_filetypes.svg
  - 📄 glyphicons_filetypes@2x.svg
- 📁 **web**
  - 📁 **html_css**
    - 📁 **css**
      - 📄 filetypes.css
      - 📄 style.css
    - 📁 **fonts**
      - 📄 glyphicons-filetypes-regular.ttf
      - ...
    - 📁 **images**
      - 📄 glyphicons_filetypes.png
      - ...
    - 📄 index.html
    - 📁 **less**
      - 📄 filetypes.less
      - ...
    - 📁 **scripts**
      - 📄 modernizr.js
      - 📄 modernizr_license.txt
  - 📁 **psd-web**
    - 📁 **dark**
      - 📄 glyphicons_filetypes.psd
    - 📁 **light**
      - 📄 glyphicons_filetypes.psd
  - 📁 **svg-web**
    - 📁 **dark**
      - 📄 glyphicons_filetypes.svg
    - 📁 **light**
      - 📄 glyphicons_filetypes.svg

GLYPHICONS Social

- 📁 **ai**
  - 📄 glyphicons_social.ai
  - 📄 glyphicons_social@2x.ai
- 📁 **font**
  - 📄 glyphicons_social-regular.otf
  - 📄 glyphicons_social-regular.ttf
- 📁 **pdf**
  - 📄 glyphicons_social.pdf
  - 📄 glyphicons_social@2x.pdf
  - 📁 **paged**
    - 📄 glyphicons_social.pdf
    - 📁 **social_individual_pdf**
      - 📄 social_1.pdf
      - ...
- 📁 **png**
  - 📄 glyphicons_social_000_glass.png
  - ...
- 📁 **psd**
  - 📄 glyphicons_social.psd
  - 📄 glyphicons_social@2x.psd
- 📁 **svg**
  - 📄 glyphicons_social.svg
  - 📄 glyphicons_social@2x.svg
- 📁 **web**
  - 📁 **html_css**
    - 📁 **css**
      - 📄 social.css
      - 📄 style.css
    - 📁 **fonts**
      - 📄 glyphicons-social-regular.ttf
      - ...
    - 📁 **images**
      - 📄 glyphicons_social.png
      - ...
    - 📄 index.html
    - 📁 **less**
      - 📄 social.less
      - ...
    - 📁 **scripts**
      - 📄 modernizr.js
      - 📄 modernizr_license.txt
  - 📁 **psd-web**
    - 📁 **dark**
      - 📄 glyphicons_social.psd
    - 📁 **light**
      - 📄 glyphicons_social.psd
  - 📁 **svg-web**
    - 📁 **dark**
      - 📄 glyphicons_social.svg
    - 📁 **light**
      - 📄 glyphicons_social.svg

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If you are looking for answers on questions related to your order or license, please check the FAQ section on http://glyphicons.com/faq/