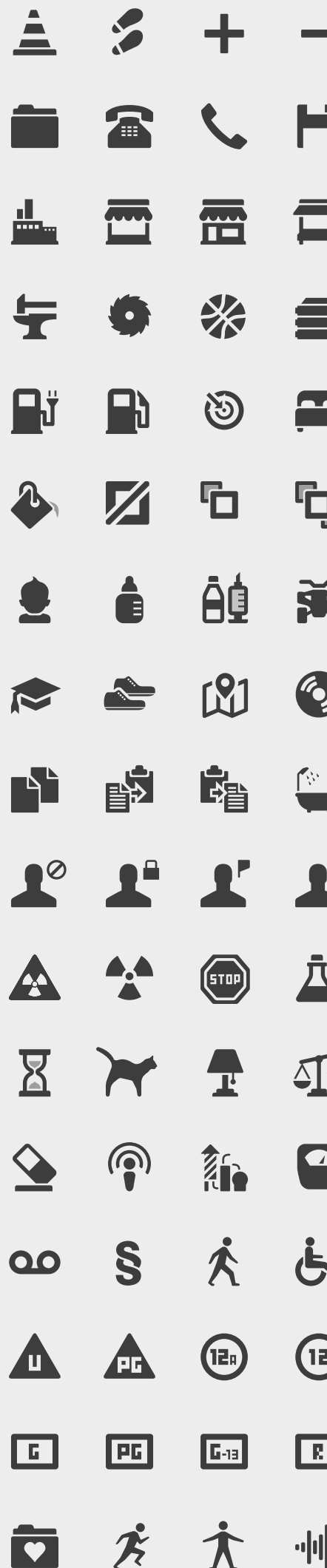


for icons in version 1.9

Handbook

GLYPHIC⁺NS.com

- i** This simple handbook is intended for all GLYPHICONS PRO users, who will decide to use the icons on the web and have no previous experience with icon fonts. 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 on the web

? It is really so easy?

Yesss! Of course it is and it is all done **only with font files!**

In case you'll decide to implement the icons as 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.

? Show me how!

To incorporate GLYPHICONS into the website is quite easy.

The compatibility is ensured in all modern browsers by using HTML5, CSS and simple javascript.

If you do not want to bother yourself with any technical details, simply follow these two steps:

↓ Include these files from ../web/html_css/

css:

- glyphicons.css
- style.css

fonts:

- glyphicons-regular.eot
- glyphicons-regular.svg
- glyphicons-regular.ttf
- glyphicons-regular.woff
- glyphicons-regular.woff2

↓ Or these from ../web/bootstrap_example/

css:


- glyphicons.css
- glyphicons-bootstrap.css

fonts:

- glyphicons-regular.eot
- glyphicons-regular.svg
- glyphicons-regular.ttf
- glyphicons-regular.woff
- glyphicons-regular.woff2

TIP: If you're not sure how to do it, just open folder: **../web/html_css/** or **../web/bootstrap_example/** in each icon set, where you can find **live HTML example** and all files ready to use!

↓ Add a link to header and you got it!

```
1 <html>
2 <head>
3 /* CSS file for GLYPHICONS basic set */
4 <link rel="stylesheet" href="css/glyphicons.css">
5 /* CSS file for use with Bootstrap */
6 <link rel="stylesheet" href="css/glyphicons-bootstrap.css">
7 </head>
8 <body>
9
10
11
12 <span class="glyphicons
13 glyphicons-camera"></span>
14
15 
16
17
18
19
20 </body>
21 </html>
22
```

! In order to display icon, you should always add a **base class** (glyphicons, halfling, etc.) and **individual icon class** (glyphicons-camera) to any **neutral HTML tag** (for example ****).

TIP: you can copy & paste any HTML/CSS code from this PDF if you do not want to hand-write it.

How change color or size of the icons

? I want to edit a color of all icons at once

Please remember, **this is only example**, you can create your CSS, all HTML/CSS files are only as a demonstration. Here we're with basic GLYPHICONS, but it is the same for all other sets:

↓ Open a file ../css/glyphicons.css and edit:

```
1 .glyphicons {
2   position: relative;
3   top: 1px;
4   display: inline-block;
5   font-family: 'Glyphicons Regular';
6   font-style: normal;
7   font-weight: normal;
8   line-height: 1;
9   color: #1e1e1e;
10  -webkit-font-smoothing: antialiased;
11  -moz-osx-font-smoothing: grayscale;
12 }
13
14
15
16
17
18
19
20
```

⚠ Please keep in mind, that this **will affect the color of all icons!**




TIP: If you want to control visual appearance for each icon individually, it is better to add one of the predefined classes or simply create your own.

If you want to change the size of the icons, the best way is to use predefined classes: x05, x2, x3, x4, x5, x6, x7, x8 - please read the next tip for more info.

? I want to control them individually

You can simply add your own CSS classes and override global rules for each icon individually or just **use predefined classes** like this:

↓ Add predefined size classes such as:

```
1 <html>
2 <head>
3 <link rel="stylesheet" href="css/glyphicons.css">
4 </head>
5 <body>
6
7 <span class="glyphicons
8   glyphsicons-camera x05"></span>
9   
10
11
12 <span class="glyphicons
13   glyphsicons-camera"></span>
14   
15
16
17
18 <span class="glyphicons
19   glyphsicons-camera x2"></span>
20   
21
22
23
24
25 <span class="glyphicons
26   glyphsicons-camera x3"></span>
27   
28
29
30
```

⚠ By using these predefined classes such as: x05, x2, x3, x4, x5, x6, x7, x8 - icons will remain as sharp as possible!

TIP: Of course you can add your own CSS class with different size, but icon does not have to be as sharp as it could be with these predefined values.






? Change color of icons individually

You can simply add your own CSS classes and override global rules for each icon individually or just use **predefined classes**.

? Complete custom CSS values

If predefined classes are not enough for you, you can control complete visual appearance of your icons by adding any valid CSS value.




↓ Add a predefined effect classes such as:

```
1 <html>
2 <head>
3 <link rel="stylesheet" href="css/glyphicons.css">
4 <script src="scripts/modernizr.js"></script>
5 </head>
6 <body>
7
8
9 <span class="glyphicons
10 glyphs-camera"></span>
11 
12
13
14 <span class="glyphicons
15 glyphs-camera light"></span>
16 
17
18
19 <span class="glyphicons
20 glyphs-camera drop"></span>
21 
22
23
24 <span class="glyphicons
25 glyphs-camera flip"></span>
26 
27
28
29 <span class="glyphicons
30 glyphs-camera flipv"></span>
31 
```

! Classes such as: light, drop, flip, flipv, rotate90, rotate180 or rotate270, **should be applied along with main icon class** as is it in example above! You can combine these classes.

TIP: If you want to control visual appearance for multiple icons, it would be better to create your own CSS class. Please read the next tip.

↓ Add your own CSS values such as:

```
1 <html>
2 <head>
3 <link rel="stylesheet" href="css/glyphicons.css">
4 <script src="scripts/modernizr.js"></script>
5 <style type="text/css">
6
7 .glyphicons
8 {color:black}
9
10 .glyphicons:hover:before
11 {color:gray;display: inline-block;}
12
13 .glyphicons:active:before
14 {color:red;display: inline-block;}
15
16 </style>
17
18 </head>
19 <body>
20
21
22 <span class="glyphicons
23 glyphs-camera"></span>
24 
25
26 
27
28 
29
30
31
```

! It would be better to edit linked CSS file instead a code in HTML header, but this clearer as an example.

How this thing works?

? What is 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/>

? What is 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

? Bootstrap

Bootstrap is a free collection of tools for creating websites and web applications. It contains HTML and CSS-based design templates for typography, forms, buttons, navigation and other interface components, as well as optional JavaScript extensions.

<http://getbootstrap.com/>

? 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/>

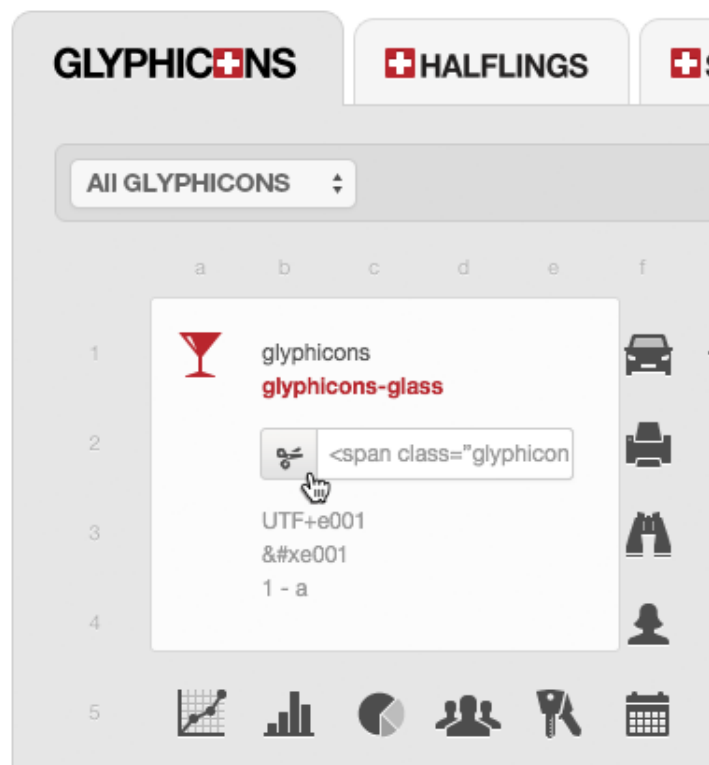
List of the icons and their CSS classes

☰ Where are they?

If you're looking for a **cheat sheet** for all icons with their CSS classes, names, please open this file and you will get a full list with the live preview:

🖨️ `../GLYPHICONS PRO/./web/html_css/index.html`

TIP: Do you want search across all icons and copy & paste symbols directly in your desktop app? Simply open www.glyphicons.com where you can find each icon with its attributes ready for use in your HTML.



GLYPHICONS on desktop

? Icons are not being displayed as I type?

Since GLYPHICONS font is an icon font, it is not so easy to display characters in regular PC/MAC programs, as one would think.

All symbols are mapped in space called **unicode private area** instead of regular letters.

This is a **correct way** how to create an icon font (for web and desktop as well), because screen readers will do not read them aloud.

http://en.wikipedia.org/wiki/Private_Use_Areas

? Ok, so I can't use icon font on desktop?

Yes you can, and actually it is nothing so complicated.

You just need to **install font** in a correct file format in to your operation system, open your favorite graphic app, start to type a text and type UTF code of the icon or simply copy & paste icon from cheat sheet on the web.

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

Aaaah, I need step-by-step instructions!



On your beloved Mac...



Locate the font file: ../GLYPHICONS PRO/ font/**glyphicons-regular.ttf**



Double click the font file and click **"install font"** at the bottom of the preview.



Copy the icon (you have to copy cmd+c symbol/image itself) from the cheat sheet on: www.glyphicons.com



Open your favorite graphic app you want to display icon with the font, **start to type a text and press paste** (ctrl+v) and voilà :)

TIP: also you may **hold down option key** while typing the four digits: e001 (glass icon will appear). If it's not working, you need to **enable Unicode Hex Input** in: **Keyboard Preferences - Input Sources** - click on "+" symbol and search and add **"Unicode Hex Input"** - now just switch keyboards.



On your awesome PC...



Locate the font file: ../GLYPHICONS PRO/ font/**glyphicons-regular.ttf**



Double click the font file and click **"install font"** at the bottom of the preview. You can also right-click on a font file, and then select **"Install"**.



Copy the icon (you have to copy ctrl+c symbol/image itself) from the cheat sheet on: www.glyphicons.com



Open your favorite graphic app you want to display icon with the font, **start to type a text and press paste** (ctrl+v) and voilà :)

TIP: you may also hold down alt key while typing the four digits: e001 (glass icon will appear).

Tips on using icons



Choose the right set

GLYPHICONS are separated in few sets for a reason:

Halflings are intended **for really small applications** without details, in small buttons, sidebars, in text, etc. (typically in size 12px or its multiples).

Rest of the GLYPHICONS sets are convenient to place as **bigger icons** with more details (typically in size 24px or its multiples).



My eyes hurting

When the icons seem blurred, make sure you are using **predefined CSS classes** (x05, x2, x3, x4, x5, etc.), basic **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.



All these colors

I know it is easy to succumb temptation to use all the colors and shades you know, but from my own experience, icons will work the best as a **half invisible friend** who guides you and you even do not know about it.

Try to keep using icons like this and they will be helpful for your users.



Padding, padding, padding

If you want to use icons on the web like a PRO, do not ignore **essential design rules**, as it is a **whitespace** around the icons.



Stay organized

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



Old friends

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

In case the icons does not appear in Internet Explorer 7 or 8 as an image, it can be caused by missing modernizr.js in your HTML header, which is used to aid detection of SVG.



Nothing is perfect

Unfortunately, using the font format is not a 100% way and at this time there is no way how to keep the icons sharp in all sizes on all devices in all operating systems.

Please, keep this in your mind, do not panic and just keep calm and carry on with what we have ;)

Handbook

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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/>

Missing question? Do you want to ask me about something special?
Do not hesitate to write an email on: glyphicons@gmail.com

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