

# What is IcoMoon?

IcoMoon is a vector icon pack, with a growing number of icons. All the icons in this pack are flat (one color); and they are designed to be simple and look good even in very small sizes. IcoMoon comes with a font generator, which allows you to select the icons you need and use them as the glyphs of a font. This font can then be used in your web pages/apps.

## What's included?

The package you download should include the following:

- Read Me.txt
- License.txt
- Manual.pdf
- Icons (contains all the icons in three different formats)
- Font Generator (contains a web application that runs locally)

## Using the Font Generator

The font generator that comes with IcoMoon is an HTML5 web application that can be run locally, using a modern web browser. So all you need to do is open `index.html` inside the *Font Generator* folder.

In three simple steps, you can generate your customized font. Use the search field on the top right hand corner of the application to search for a shape or a keyword. For example, type “arrow” to see all the available kinds of arrows that you can choose. Use more specific terms to get fewer search results. If you can't find an icon that you need, feel free to **suggest it for future updates**. Click an icon to select or deselect it. Once you're done choosing icons, press the *Select* button at the bottom of the page. In the next step, you can drag and drop the icons to rearrange them and assign them to different letters. For instance, it would be a good idea to assign a home icon to character 'h' or 'H'. You can always go back to the previous step; without losing any of the arrangements that you have done.

Press the Generate button to get your font. The generated font will be in SVG but you can use the suggested font converting services to have your font in other formats.

## Font Metrics and Dimensions

Each icon in this package is inscribed within a square. The following metrics have been used for the generated font.

- **Ascender:** 750
- **Descender:** -250
- **Cap Height:** 700
- **x-height:** 500

## @font-face and IcoMoon

You can use the @font-face CSS rule to use your generated font in your web projects. Use [Font Squirrel's @font-face generator](#) to convert your SVG font to different web font formats. Here's an example, showing how you can include your font in your stylesheet using the @font-face rule:

```
@font-face {
  font-family: 'IcoMoon';
  src: url('fonts/icomoon-web.eot');
  src: url('fonts/icomoon-web.eot?#iefix')
  format('embedded-opentype'),
    url('fonts/icomoon-web.woff') format('woff'),
    url('fonts/icomoon-web.ttf') format('truetype'),
    url('fonts/icomoon-web.svg#IcoMoon') format('svg');
  font-weight: normal;
  font-style: normal;
}
```

The *eot* format in the code above is supported by IE (even IE6 supports it). *woff* is supported in all the modern browsers. The *truetype* format is used for Android

and old iOS devices. So you can be sure your vector icons will appear properly in almost any device.

After including your font in the CSS, you can start using your new font-family value. To keep your HTML semantic, it is recommended that you use CSS pseudo elements (*before* and *after*):

```
.icon-home-b:before, .icon-home-a:after {  
    font-family: "IcoMoon";  
    content: "h";  
}
```

To align the icons with your text, you may sometimes need to use the `vertical-align` property. The following classes can be helpful in these situations:

```
.icon-t:before, .icon-t:after {vertical-align: top}  
.icon-b:before, .icon-b:after {vertical-align: bottom}  
.icon-m:before, .icon-m:after {vertical-align: middle}
```

## Using cufon

`cufon` is a Javascript library that can be used for rendering fonts into bitmaps. It uses the canvas element in modern browsers. (Another method is used for old IE browsers.)

`cufon` is overall harder to use and less efficient compared to `@font-face`; but it has its pros too. For instance, the result will look smooth and properly anti-aliased even in older browsers. It also supports gradient effects which cannot be implemented using CSS very efficiently. To use `cufon`, you first need to **convert your font to a JSON object**. By including the `cufon` library and then including the JSON object, you can start using `cufon` functions. For more information on how to use `cufon`, refer to [this wiki page](#).

# Using Different File Formats

All the icons come in three different file formats and you can find them under the *Icons* folder. This folder contains three categories, one for each format: AI, SVG and PNG. If you have access to Adobe Illustrator, you can open and use IcoMoon.ai which contains all the icons in one layer. The SVG folder contains all the icons in separate files. Most of the vector editing softwares can import SVG files without a problem. In case you have no way of opening AI or SVG files, you can still open the PNG files located under the PNG folder. These PNGs are available in a high resolution (1000×1000).

More information: <http://keyamoon.com/icomoon/>