



FREE eBook

LEARNING

font-awesome

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#font-

awesome

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About

You can share this PDF with anyone you feel could benefit from it, downloaded the latest version from: [font-awesome](#)

It is an unofficial and free font-awesome ebook created for educational purposes. All the content is extracted from [Stack Overflow Documentation](#), which is written by many hardworking individuals at Stack Overflow. It is neither affiliated with Stack Overflow nor official font-awesome.

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Chapter 1: Getting started with font-awesome

Remarks

FontAwesome is a set of 600+ vector icons. It is freely available under [OFL/MIT](#)-License and may be used in open-source or commercial-projects..

Examples

Setup

Different approaches can be used to integrate FontAwesome into a website:

For plain HTML/CSS:

- Download the zip available [here](#), unzip, and copy the contents to your website. Then reference the `/css/font-awesome.css` in the webpage head like so:
`<link rel="stylesheet" src="/assets/font-awesome/css/font-awesome.css">`
- Reference it in the webpage head using a CDN address. One such address would be `https://maxcdn.bootstrapcdn.com/font-awesome/4.6.3/css/font-awesome.min.css`. To reference this, just use a `link` tag but set the source to the CDN address instead

For Package managers:

Most package managers support Font Awesome as a package, and there are some examples below:

- NuGet: Just search for and install `Font-Awesome`, or run the below command in the package console: `Install-Package FontAwesome`
- Ruby: Just run this command: `gem install font-awesome-rails`
- npm: just run this command: `npm install font-awesome`

Basic example: using an icon

The simple use-case is to refer to a single icon in its normal size: `<i class="fa fa-camera-retro"></i>` (View result in [this](#) fiddle.)

Create an empty tag (it is recommended to use `<i>` used for that) and assign class `"fa"` and the class corresponding to the desired icon (see list of icons [here](#)).


Using Font Awesome

Font Awesome is an extremely simple yet powerful library to use, with 634 icons available in just a few words.

How does it work? Font Awesome uses Unicode characters stored in a `../fonts` directory to

change any `i.fa` elements to the respective unicode character, as such displaying the icon as text.

How do I create an icon? All icon classes have to be an `i` element, or an `italic` element, mainly for best practice, but also improves performance with Font Awesome. All icons also have the class `fa` on them. This denotes an icon and **will not work without it**. After that, just add the icon you want, prefixed with another `fa-`. A finished example is below:

`<i class="fa fa-pencil"></i>` becomes 

Because font awesome works off unicode characters, it also allows any text manipulation to apply to it as well, such as `font-size`, `color`, and more.

Read [Getting started with font-awesome online](https://riptutorial.com/font-awesome/topic/4975/getting-started-with-font-awesome): <https://riptutorial.com/font-awesome/topic/4975/getting-started-with-font-awesome>

Chapter 2: Font Awesome & Accessibility

Examples

Icons used for pure decoration or visual styling

If you're using an icon to add some extra decoration or branding, it does not need to be announced to users as they are navigating your site or app aurally. Additionally, if you're using an icon to visually re-emphasize or add styling to content already present in your HTML, it does not need to be repeated to an assistive technology-using user. You can make sure this is not read by adding the `aria-hidden="true"` to your Font Awesome markup.

```
<i class="fa fa-fighter-jet" aria-hidden="true"></i>
```

Read [Font Awesome & Accessibility](https://riptutorial.com/font-awesome/topic/5362/font-awesome---accessibility) online: <https://riptutorial.com/font-awesome/topic/5362/font-awesome---accessibility>

Chapter 3: Steps to add font-awesome in a project

Examples

Use this method to get the default Font Awesome CSS with the default Bootstrap CSS.

1. Download font-awesome from [here](#).
2. Copy the font-awesome directory into your project.
3. In the of your html, reference the location to your font-awesome.min.css.

```
<link rel="stylesheet" href="path/to/bootstrap/css/bootstrap.min.css">  
<link rel="stylesheet" href="path/to/font-awesome/css/font-awesome.min.css">
```

4. In the project start using font like this:

```
<p><i class="icon-camera-retro icon-large"></i> icon-camera-retro</p>  
<p><i class="icon-camera-retro icon-2x"></i> icon-camera-retro</p>  
<p><i class="icon-camera-retro icon-3x"></i> icon-camera-retro</p>  
<p><i class="icon-camera-retro icon-4x"></i> icon-camera-retro</p>
```

Read Steps to add font-awesome in a project online: <https://riptutorial.com/font-awesome/topic/6499/steps-to-add-font-awesome-in-a-project>

Credits

S. No	Chapters	Contributors
1	Getting started with font-awesome	Community , Daniel Käfer , MBaas , RhysO
2	Font Awesome & Accessibility	Anand Gupta
3	Steps to add font-awesome in a project	Anand Gupta