

How to Add and Use icons in **React.js**

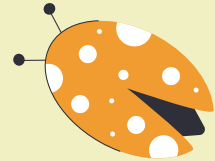
Font Awesome , react-icons library

React.js Tutorials



Visit my linkedIn page:

<https://www.linkedin.com/in/homeira-haddad-792ab226b>




INFOGRAPHIC TIMELINE






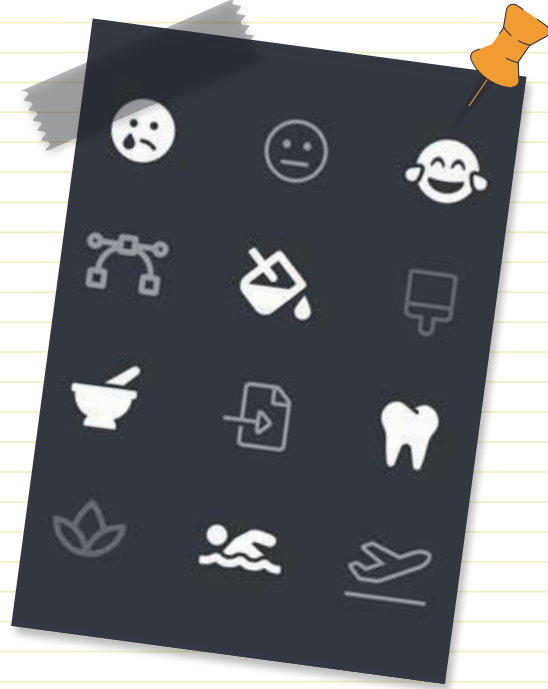
Why we use icons?



You can use icons to represent the identity of a feature. Where you do not want to write out a program's name, an appropriate icon can stand in for the program or an application for easy identification.



**Take the hassle
out of icons in
your website.**





Font Awesome-icons



After you install your react.js project, do these steps:

01

Add SVG Core

02

Add Icon Packages

03

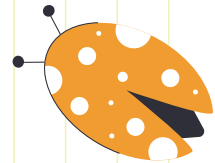
Add the React
Component

04

Import Icons

01

Add SVG Core

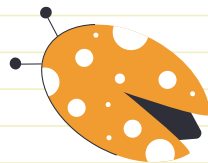




First you'll need to use npm or yarn to **install the core package** which includes all the utilities to make the icons work:

```
npm i --save @fontawesome/fontawesome-svg-core
```

```
yarn add @fontawesome/fontawesome-svg-core
```





02

Add Icon Packages



Next, you'll **install the icons** you want to use -- you can choose Free or Pro icons, and select any style.

Free

For Free icons, you can add either -- or both -- of these styles:

```
npm i --save @fortawesome/free-solid-svg-icons
```

```
npm i --save @fortawesome/free-regular-svg-icons
```

```
yarn add @fortawesome/free-solid-svg-icons
```

```
yarn add @fortawesome/free-regular-svg-icons
```



Pro

For Pro icons, you'll first need to set up access with your secret Font Awesome npm token and global or per-project access. Then add the Pro icon style packages that you plan to use in your app:

```
npm i --save @fortawesome/pro-solid-svg-icons
npm i --save @fortawesome/pro-regular-svg-icons
npm i --save @fortawesome/pro-light-svg-icons
npm i --save @fortawesome/pro-thin-svg-icons
npm i --save @fortawesome/pro-duotone-svg-icons
npm i --save @fortawesome/sharp-solid-svg-icons
npm i --save @fortawesome/sharp-regular-svg-icons
npm i --save @fortawesome/sharp-light-svg-icons
```

Or You can Do the same with Yarn.



Font Awesome Sharp requires Pro and specific versions!

Make sure you have an active Pro-level plan or a Pro license with access to the specific versions that include Sharp's styles.



03

Add the React Component



Next install the Font Awesome React component:

```
npm i --save @fortawesome/react-fontawesome@latest
```

```
yarn add @fortawesome/react-fontawesome@latest
```



04

Import Icons



How to Import Icons

Go to <http://fontawesome.com> and get the Icons package.

Then enter the name of the icon you want to use in the following command.

Font Awesome's import code is:

```
import { FontAwesomeIcon } from "@fortawesome/react-fontawesome";
```

```
import { IconName } from "@fortawesome/free-solid-svg-icons";
```



How to use icons in your apps

Follow these steps below to use the Font Awesome icons in your app.



1. In **App.js** or other components, paste the import code at the top of the file after the React import code
2. Go back to the React icons page and choose any icon from the Font Awesome icons
3. Click on the icon to copy it
4. Go back to your import code in the file
5. Paste and replace the **IconName** in the curly braces with the copied icon
6. Render the icon name as icon property value.

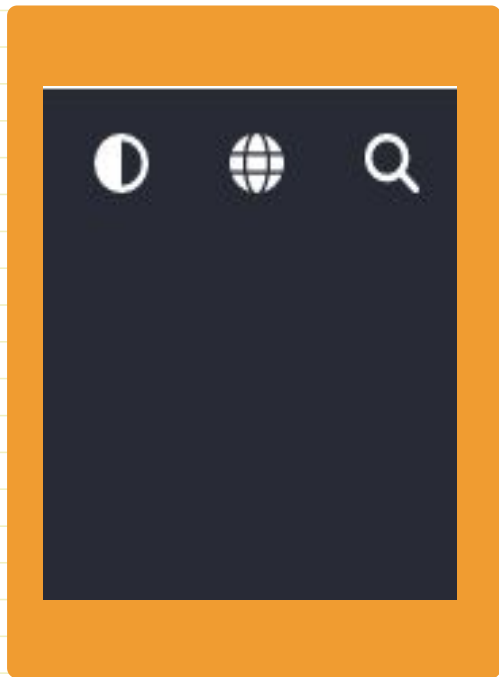
Code example



```
1  ✓ import React from 'react'
2  import { FontAwesomeIcon } from '@fortawesome/react-fontawesome'
3  import { faMagnifyingGlass , faAdjust , faGlobe } from '@fortawesome/free-solid-svg-icons';
```

```
<FontAwesomeIcon icon={faAdjust} size='lg' style={{margin:'0 15px',color:'#fff'}}/>
<FontAwesomeIcon icon={faGlobe} size='lg' style={{margin:'0 15px',color:'#fff'}}/>
<FontAwesomeIcon icon={faMagnifyingGlass} size='lg' style={{margin:'0 15px',color:'#fff'}}/>
```





Rendered Font Awesome icons





React-Icons

How to Install React Icon

To install the **react-icons** library, do the following:

- In your project folder, open the terminal of your code editor.
- Run the command **npm install react-icons** to install the library in your project folder.

This might take some time depending on the speed of your system. Once it's done, you are set to use your React icons.



How to Import Icons with React-Icons

Go to the React-icons page. You will see a number of icon libraries that you can use. Each library of icons has an import code for it. For this tutorial, we will be focusing on the Font Awesome icon library.

Font Awesome's import code is:

```
import { IconName } from "react-icons/fa";
```




Search Icons

Home

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Feather

Flat Color Icons

Font Awesome

Game Icons

Github Octicons icons

Font Awesome

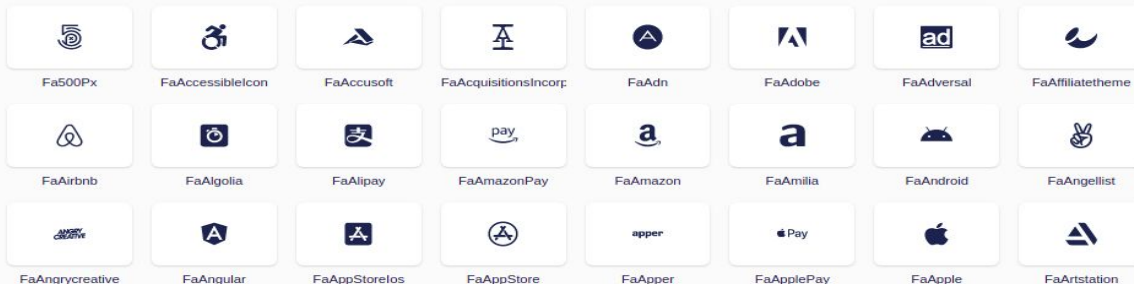
License [CC BY 4.0 License](#)

Project <https://fontawesome.com/>

Import

```
import { IconName } from "react-icons/fa";
```

Icons



Font Awesome icons on React icons page

How to use icons in your apps

Follow these steps below to use the Font Awesome icons in your app.

1. In **App.js** or other components, paste the import code at the top of the file after the React import code
2. Go back to the React icons page and choose any icon from the Font Awesome icons
3. Click on the icon to copy it
4. Go back to your import code in the file
5. Paste and replace the **IconName** in the curly braces with the copied icon
6. Render the icon name as a React element..



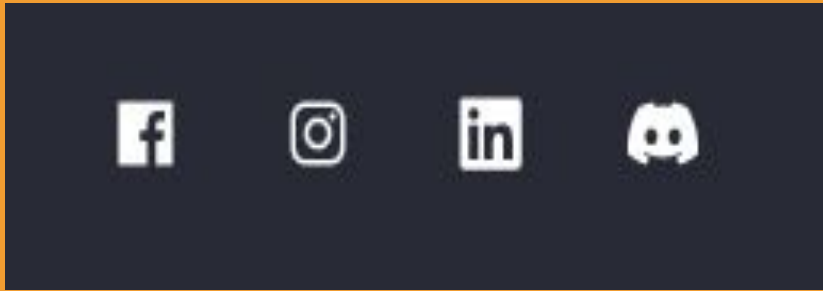
Code example



```
1  import React from 'react'
2  import {AiFillFacebook , AiOutlineLike} from "react-icons/ai";
3  import {AiOutlineInstagram} from "react-icons/ai";
4  import {FaLinkedin} from "react-icons/fa";
5  import {SiDiscord} from "react-icons/si";
```

```
<div className={styles['cnt-icons']}>
  <AiFillFacebook />
  <AiOutlineInstagram />
  <FaLinkedin />
  <SiDiscord />
</div>
```





Rendered React-Icons





Adding Icon Styling with React

You can add style to icons, like Size, Width, Rotate, Flip, Animation, ...

You can add classes for your own project purposes and styling to any component using the `className` property.

```
<FontAwesomeIcon icon={iconName} className = "highlight" />
```

For more information about how to add styles to icons visit:

<https://origin.fontawesome.com/docs/web/use-with/react/style>




Author



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Thanks!

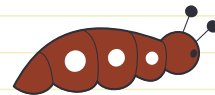
 Do you have any questions?

homeira2010@gmail.com

CREDITS: This presentation template was created by Slidesgo, and includes icons by Flaticon, and infographics & images by Freepik



Resources



<https://www.freecodecamp.org/>

<https://origin.fontawesome.com/>

<https://react-icons.github.io/react-icons/>

