

How to Create & Add Icons to your website for mobile devices

Do you want your visitors to have the option of adding your website icon to their device's home screen? Follow these steps to enable this option.

1. Create the icon

- Create an image 1024 x 1024.
- Your icon image must be in the .png format. Avoid using interlaced PNGs
- Design Tips
 - Keep your icons squared with pointy edges. iOS devices automatically convert them into rounded edges icons. The standard bit depth for icons and images is 24 bits—that is, 8 bits each for red, green, and blue—plus an 8-bit alpha channel, for a total of 32 bits.
 - Do not add visual effects to your icon. iOS devices add the drop shadow and glossy effect to your icons automatically.
 - Use your logo or your brand name as your iOS icon. Match your web identity by using your logo or favicon as your website's iOS & Android icon. It is better to use a visual image than text. It is not recommended to combine text with image in an iOS icon design. The focus must be on either of the two elements and not both. See [Google's icon style guide](#) for help and ideas.
 - You can either provide one single size of icon that will be automatically scaled for various iOS devices such as iPhone, iPad and Retina iOS devices. However, it is better if you provide different sizes, as that boosts the quality of the icon images on different iOS devices.
 - Always test your icon design on an actual iOS device. The way the design mock up looks in Photoshop or an iPhone simulator.
- [Apple](#) & [Android](#) Guidelines

2. Generate Icon set

- a. Tool for generating icon set >> <http://iconogen.com>
- b. Create your own set using Photoshop or Illustrator. There are [templates](#) available.

3. Upload icons

Name the icons and make sure to save them to the root directory of your website.

4. Add references to the icons in your website

Then add a simple bit of code to the HEAD of your site. You will need to change out the URL for your own. The following sizes are recommended by Apple and Android.

```
<link rel="apple-touch-icon" href="http://www.yoursite.com/apple-touch-icon.png" />
<link rel="apple-touch-icon" sizes="76x76" href="http://www.yoursite.com/apple-touch-icon-76x76.png" />
<link rel="apple-touch-icon" sizes="120x120" href="http://www.yoursite.com/apple-touch-icon-120x120.png" />
<link rel="apple-touch-icon" sizes="152x152" href="http://www.yoursite.com/apple-touch-icon-152x152.png" />
<link rel="apple-touch-icon" sizes="180x180" href="http://www.yoursite.com/apple-touch-icon-180x180.png" />
<link rel="icon" sizes="192x192" href="http://www.yoursite.com/android-chrome-192x192.png" />
```

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For DNN sites, go to Home > Edit > Page Settings > Advanced Settings > Page Header Tags and paste in a custom version of the following tags. Again, if a DNN site, be sure to include the full URL including portal number such as: <http://howto.mt.gov/Portals/19/apple-touch-icon-144x144.png>.

REFERENCES

<https://developer.apple.com/library/ios/documentation/UserExperience/Conceptual/MobileHIG/IconMatrix.html>

<https://developer.chrome.com/webstore/images>

<https://developer.chrome.com/multidevice/android/installtohomescreen#best-practices>