

HOW TO RETINAFY YOUR WEBSITE



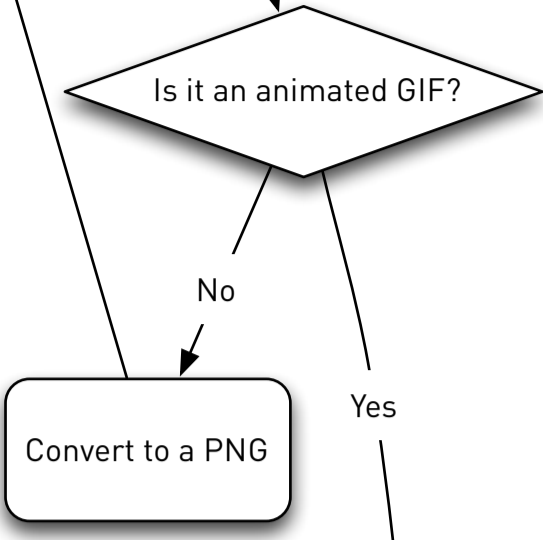
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<http://retinify.me/>

What's the type of existing content?

Text Canvas SVG PNG GIF JPG Favicon

Watch the "Delivering Web Content on High Resolution Displays" Apple WWDC 2012 video
<https://developer.apple.com/videos/wwdc/2012/>

[Magic]



Create a favicon.ico file that contains a 16x16 and a 32x32 pixel variant with alpha-channel transparency.
Tool recommendation:
<http://www.xiconeditor.com/>

Create a new version of the image that is scaled by 2.
If you work from Photoshop originals, don't forget to scale effects as well.

Optimize image file size with ImageOptim.
<http://imageoptim.com/>

Do you need to hand-optimize the image variants for sharpness and detail? For example, icons may require this.

Hand-optimize your two versions

Is it a CSS background image?

No → [Proceeds to media query step]

Yes → Change from IMG tags to CSS background images.

```
Add a CSS media query to target retina and high-DPI screens:  
@media (min--moz-device-pixel-ratio: 1.5),  
(-o-min-device-pixel-ratio: 3/2),  
(-webkit-min-device-pixel-ratio: 1.5),  
(min-device-pixel-ratio: 1.5),  
(min-resolution: 1.5dppx) {  
  <css selector> {  
    background-image: url(<scaled image>);  
  }  
}
```

Is it a CSS background image?

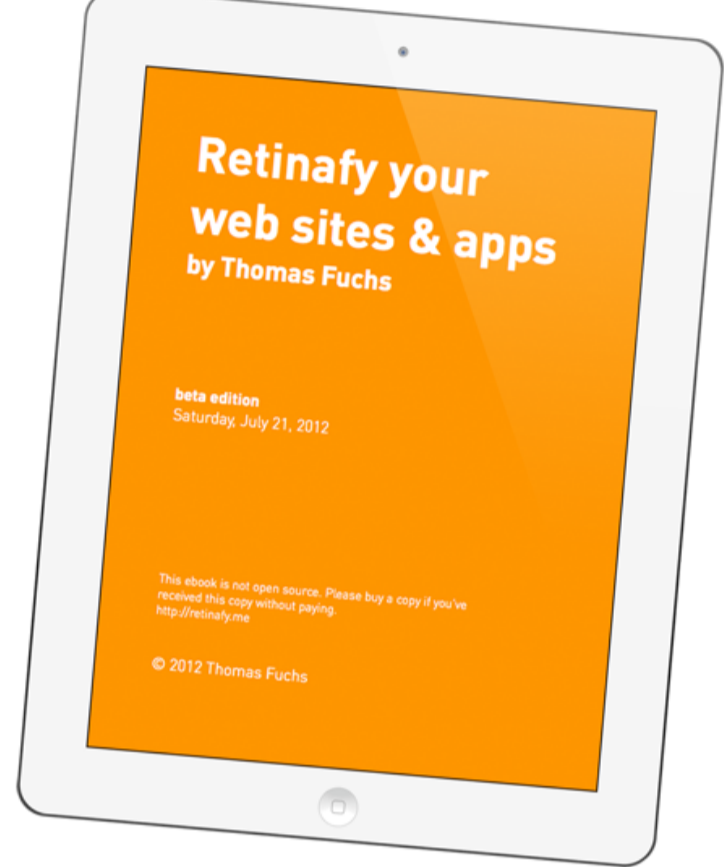
No → Use the scaled image instead of the original. Add width and height of the original image to the IMG tag, either as attributes or in CSS.

Is it part of a sprite image?

```
background-image: url(<image>);  
background-size: 100%;  
  
(use original image if two variants are used, otherwise scaled image)
```

```
background-image: url(<image>);  
background-size: <original width>px <original height>px;  
  
(use original image if two variants are used, otherwise scaled image)
```

Done!



Want to know more?
Grab my ebook!
<http://retinify.me>