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Creating a favicon [closed]

How can I create a favicon for my website?

[html](#) [favicon](#)

edited Aug 6 '13 at 1:21

asked Oct 10 '09 at 5:32



[Ryan](#) ♦

146k 28 289 322

[user187554](#)

closed as off-topic by [Paul Stenne](#), [Olaf](#), [Paul Roub](#), [Samuel Liew](#), [Machavity](#) Dec 22 '16 at 1:47

- This question does not appear to be about programming within the scope defined in the [help center](#).

If this question can be reworded to fit the rules in the [help center](#), please [edit the question](#).

Possible duplicate of [How to add a browser tab icon \(favicon\) for a website?](#) – [Michał Perlakowski](#) Mar 19 '16 at 13:38

[@Gothdo](#) This is not a duplicate! The one you point to IS! This one preceded that one by a year and a half!
– [Dov Miller](#) Jul 20 '16 at 10:04

- 4 I'm voting to close this question as off-topic because this is not about programming but web design. – [Paul Stenne](#) Dec 21 '16 at 15:09

10 Answers

Searching about favicons, I discovered I needed more than 10 kinds of files to work in all browsers and devices :(

I got pissed and created my own favicon generator, that creates all these files and the correct HTML header for each one of them: faviconit.com

Hope you enjoy it.

edited Dec 30 '14 at 18:43

answered Oct 11 '13 at 11:12



[Eduardo Russo](#)

2,543 13 27

13 Excellent app. This is one of the best favicon generator sites I've seen. – [Chris Livdahl](#) Jan 15 '14 at 8:03

Thanks, Chris! I'm glad to help! – [Eduardo Russo](#) Jan 16 '14 at 13:49

2 @EduardoRusso this is simply awesome - thanks! – [davniciwil](#) May 17 '15 at 2:17

3 Good job. Works as expected. – [Dilshan](#) Jun 23 '15 at 17:53

1 Works better than expected! Tiny bug(?): when using advanced, the path and version are not included in the browserconfig.xml. Still love it, though. :D – [mrjink](#) Sep 4 '15 at 9:01

If you already have a logo image that you want to transform into a favicon, then you can convert it using <http://www.favicomatic.com/>. It creates crisp favicons, and I haven't had to edit them after creating them. It will generate favicons at 16x16 and 32x32 and to quote them: "Every damn size, sir!". The site also supports/preserves transparency present in some pngs. Also, their site looks cool and is easy to use.

For example here is a stackoverflow logo:



Here are some of the generated favicons:



They also generate the needed html:

```
<link rel="apple-touch-icon-precomposed" sizes="57x57" href="apple-touch-icon-57x57.png" />
<link rel="apple-touch-icon-precomposed" sizes="114x114" href="apple-touch-icon-114x114.png" />
<link rel="apple-touch-icon-precomposed" sizes="72x72" href="apple-touch-icon-72x72.png" />
<link rel="apple-touch-icon-precomposed" sizes="144x144" href="apple-touch-icon-144x144.png" />
<link rel="apple-touch-icon-precomposed" sizes="60x60" href="apple-touch-icon-60x60.png" />
```

```

<link rel="apple-touch-icon-precomposed" sizes="120x120" href="apple-touch-icon-120x120.png" />
<link rel="apple-touch-icon-precomposed" sizes="76x76" href="apple-touch-icon-76x76.png" />
<link rel="apple-touch-icon-precomposed" sizes="152x152" href="apple-touch-icon-152x152.png" />
<link rel="icon" type="image/png" href="favicon-196x196.png" sizes="196x196" />
<link rel="icon" type="image/png" href="favicon-96x96.png" sizes="96x96" />
<link rel="icon" type="image/png" href="favicon-32x32.png" sizes="32x32" />
<link rel="icon" type="image/png" href="favicon-16x16.png" sizes="16x16" />
<link rel="icon" type="image/png" href="favicon-128.png" sizes="128x128" />
<meta name="application-name" content="&nbsp;" />
<meta name="msapplication-TileColor" content="#FFFFFF" />
<meta name="msapplication-TileImage" content="mstile-144x144.png" />
<meta name="msapplication-square70x70logo" content="mstile-70x70.png" />
<meta name="msapplication-square150x150logo" content="mstile-150x150.png" />
<meta name="msapplication-wide310x150logo" content="mstile-310x150.png" />
<meta name="msapplication-square310x310logo" content="mstile-310x310.png" />

```

I looked at the first 20 or so google results, and this was by far the best.

edited May 1 '15 at 14:43

answered Apr 27 '15 at 20:02



Jared Menard
1,042 6 15

1 How can I improve this answer to avoid further downvotes? – [Jared Menard](#) May 1 '15 at 14:53

2 I don't know. Your answer made this a five minute job for me. Thanks. – [andyb](#) Sep 21 '15 at 8:28

[GIMP](#) is a good program for that. Just save the image as PNG, then add

```
<link rel="SHORTCUT ICON" href="/favicon.png">
```

on the <HEAD> section of your page.

answered Oct 10 '09 at 5:35



Stefano Borini
63.3k 56 234 351

5 Gimp also offers the option of saving it as favicon.ico, which would save the trouble of adding the link. – [user181548](#) Oct 10 '09 at 6:01

4 Pity that the old MSIEs (that are still quite popular) won't accept the PNG in place of a "proper" ICO formatted file. – [Mår Örlýgsson](#) Mar 15 '11 at 23:26

To pin websites to the taskbar, Windows requires an ico too. – [Necris](#) Apr 29 '14 at 15:07

You create a icon file that's 16x16 or 32x32 or 64x64. Name it favicon.ico and place it in the root of your website public folder.

There are websites that will convert other graphic formats to .ico for you. ie.

<http://tools.dynamicdrive.com/favicon/>

answered Oct 10 '09 at 5:41



Jim

4,458

1

15

17

-
- 4 Also: you can save your favicon file anywhere if you add a `<link rel="shortcut icon" href="link/to/fav.ico" />` to the `<head>` block of your pages. – [Már Örlýgsson](#) Mar 15 '11 at 23:29
-
- 1 tools.dynamicdrive.com/favicon will also allow you to merge multiple size in one favico which is great – [hdoorio](#) Sep 26 '13 at 10:32
-

One of the best online favicon tools is [FaviconGenerator.com](#). Fast, modern design, no fluff.

answered May 1 '15 at 2:35



Knocks X

393

6

19

[FaviconGenerator.com](#) also provides access to their API from node/grunt/gulp. – [Matt](#) Jul 6 at 0:56

If you want to create .ico files, you can also use [GIMP](#) to create favicons. Modern browsers can use normal image files, but originally I think it was just .ico files. It's an open source image editor similar to Photoshop. Create and edit an image of the right size (say 32 x 32), flatten to one layer (Unless you want multiple icons in the same file), and save as a .ico. It'll format it correctly, then use Stefano's `<link rel="SHORTCUT ICON" HREF="/favicon.ico">` to use it in your webpage.

edited Aug 6 '13 at 1:48



Ryan ♦

146k

28

289

322

answered Oct 10 '09 at 6:34



rocketmonkeys

1,913

4

18

21

I use the open source [Paint.net](#) program along with the [Icon plugin](#).

You can then create and save an image in the .ico format with all the different sizes embedded into the .ico file.

edited May 20 '15 at 22:45

answered Aug 2 '12 at 10:07



Matthew Lock

6,807

5

55

96

Hmm, paint.net.amihotornot.com.au as the host for the Icon plugin? Is that legit? – [RonaldB](#) Apr 19 at 19:38

@RonaldB yes it's the home of that plugin. Weird domain isn't it – [Matthew Lock](#) Apr 19 at 23:26

And if you are using asp.net try this way to apply favicon to your page :

```
<link runat="server" rel="shortcut icon" href="~/favicon.ico" type="image/x-icon" />
<link runat="server" rel="icon" href="~/favicon.ico" type="image/ico" />
```

but you can find more information here : <http://doctype.com/>

edited Oct 10 '09 at 6:05

answered Oct 10 '09 at 5:54



Tarik

31k 59 180 295

1 As a note, doctype.com closed as of February 15, 2013. [Read more about it.](#) – Krease Feb 18 '14 at 5:26

I make my favicons either 16 x 16 or 32 x 32 using Photoshop. I save it as gif then and I use [IrfanView](#) to convert the gif to an ico.

edited Aug 6 '13 at 1:47

answered Oct 10 '09 at 6:43



Ryan ♦

146k 28 289 322



Max

9,022 13 57 104

When creating a favicon, you want to take the following factors into account:

- **Supported platforms** Ten years ago, you only wanted to support desktop browsers and the solution was to generate the classic `favicon.ico` picture. Nowadays, you want to support iOS (and iOS Safari) and Android (and Android Chrome). Maybe Windows 10 (and Edge) and the new Mac Book Pro Touch Bar, too (macOS Safari). You cannot just use a single "one size fits all" image anymore.
- **Design** As soon as you support multiple platforms, you are facing multiple design guidelines. For example, Google is using transparent icons for its own native apps on Android, while iOS icons cannot be transparent at all. You cannot just use a "single design fits all" approach.
- **Generated icons and HTML code** For two or three years, the reference has been to generate as many icons as possible in order to cover all cases. I am afraid I created this trend all by myself :-/ The problem is that you end up with 20-something lines of HTML, which is way too much. In order to have a satisfying technical solution, you need to balance the amount of generated icons/HTML and the supported platforms.

As usual, you can create all these assets manually. Unless you have very, very specific needs and a budget, this is definitely not the way to go.

The right way for most people is to use a favicon generator that lets you decide of the look of all the icons and takes care of all the details. The only one which does this is [Real Favicon Generator](#). Full disclosure: I am the author of this site.

answered Dec 21 '16 at 15:04



philippe_b

19.9k 3 30 33

protected by [Ryan ♦](#) Aug 6 '13 at 1:47

Thank you for your interest in this question. Because it has attracted low-quality or spam answers that had to be removed, posting an answer now requires 10 [reputation](#) on this site (the [association bonus](#) does not count).

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