**HTML Favicon**

Last Updated : 19 Dec, 2024

An **HTML favicon** (or favorite icon) is a small image or icon that represents a website, typically shown in the browser tab, bookmarks, and shortcuts. It is used for:

* **Brand Recognition**: Favicons are a visual marker for your brand online, helping to increase and reinforce brand awareness.
* **Professionalism**: A well-designed favicon makes your site look professional and credible.
* **Usability**: It improves the user’s navigation experience by allowing them to easily identify and switch to your tab when multiple tabs are open.

**How to Implement a Favicon in HTML**

To add a favicon to your HTML document, you’ll need to reference it in the <head> section of your HTML code. Here’s how you can do it:



1

<!DOCTYPE html>

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<html>

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<head>

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<meta charset="utf-8" />

6

<title>HTML Favicon</title>

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<!-- Add icon link -->

9

<link rel="icon" href="https://media.geeksforgeeks.org/wp-content/cdn-uploads/gfg\_200X200.png" type="image/x-icon">

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</head>

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12

<body>

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<h3 style="color:green;">

14

GeeksforGeeks

15

</h3>

16

<p>Welcome to my website</p>

17

</body>

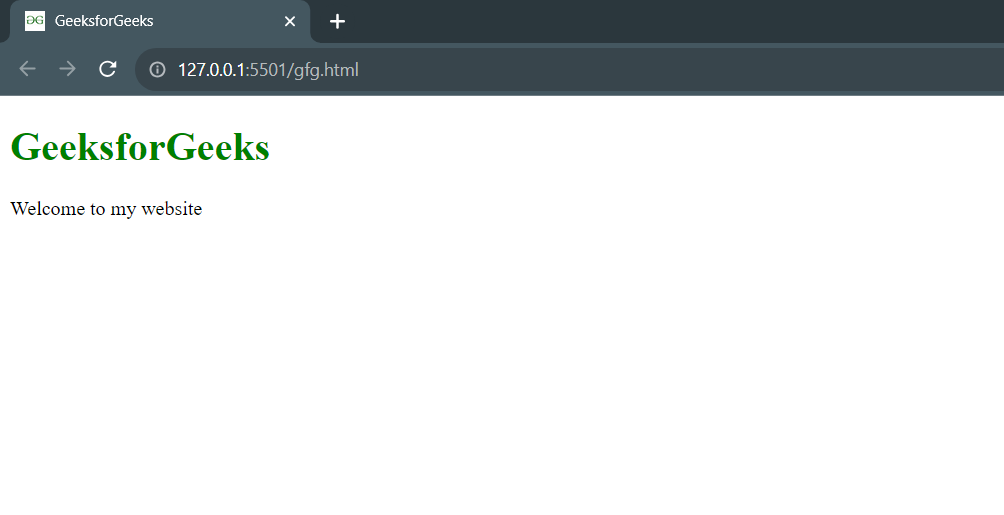
18

​

19

</html>

**Output:**



**In this example:**

* **rel=”icon”**: Indicates that the linked resource is an icon for the document. This relationship is essential for browsers to understand that the specified file is meant to be used as the website’s favicon.
* **href=”https://media.geeksforgeeks.org/wp-content/cdn-uploads/gfg\_200X200.png”**: Specifies the path to the favicon image. This can be a URL (as used here) pointing to an image that serves as the icon.
* **type=”image/x-icon”**: Specifies the MIME type of the favicon file. While commonly image/x-icon is used for .ico files, modern browsers support PNG and other formats as well.

***Note:*** *Major browsers are not supported by the sizing property of the favicon.*

**List of Favicon Sizes**

Different devices and browsers may require favicons of various sizes. Here’s a list of common favicon sizes:

| **Name** | **Size** | **Description** |
| --- | --- | --- |
| favicon-32.png | 32×32 | Standard for most desktop browsers. |
| favicon-57.png | 57×57 | Standard iOS home screen. |
| favicon-76.png | 76×76 | iPad home screen icon. |
| favicon-96.png | 96×96 | GoogleTV icon. |
| favicon-120.png | 120×120 | iPhone retina touch icon. |
| favicon-128.png | 128×128 | Chrome Web Store icon & Small Windows 8 Star Screen Icon\*. |
| favicon-144.png | 144×144 | Internet Explorer 10 Metro tile for pinned site\* |
| favicon-152.png | 152×152 | iPad touch icon. |
| favicon-167.png | 167×167 | iPad Retina touch icon (change for iOS 10: up from 152×152, not in action. iOS 10 will use 152×152) |
| favicon-180.png | 180×180 | iPhone 6 plus |
| favicon-192.png | 192×192 | Google Developer Web App Manifest Recommendation |
| favicon-195.png | 195×195 | Opera Speed Dial icon  (Not working in Opera 15 and later) |
| favicon-196.png | 196×196 | Chrome for Android home screen icon |
| favicon-228.png | 228×228 | Opera Coast icon |

**Favicon File Format Support**

Here’s a table summarizing the common file formats supported for favicons:

| **File Format** | **Browser Support** | **Advantages** | **Disadvantages** |
| --- | --- | --- | --- |
| **ICO** | * Edge * Chrome * Firefox * Opera * Safari | Supports multiple sizes in a single file; widely supported | Larger file size compared to others |
| [**PNG**](https://www.geeksforgeeks.org/what-is-png-file/) | All Five | High-quality image, supports transparency, smaller file size | Does not support multiple sizes in one file |
| [**GIF**](https://www.geeksforgeeks.org/what-is-a-gif-file/) | All Five | Supports animation | Limited color palette (256 colors), less ideal for favicons |
| [**JPEG**](https://www.geeksforgeeks.org/jpeg-full-form/) | All Five | Good for high-quality images | Does not support transparency, larger file size |
| **SVG** | All Five | Scalable, small file size, sharp quality at any resolution | Not supported by all browsers (especially older ones) |
| [**WebP**](https://www.geeksforgeeks.org/why-to-use-webp-image-format/) | All Five | Smaller file size with high quality | Limited browser support, not widely used for favicons |

**HTML Favicon – FAQs**

**What is a favicon?**