

# HTML TAGS

Tag Name	Tag Description	Syntax
• <b>&lt;html&gt;</b>	Define the root element of entire web page.	<code>&lt;html&gt; .... &lt;/html&gt;</code>
• <b>&lt;head&gt;</b>	Defines information.	<code>&lt;head&gt;   &lt;title&gt;Title &lt;/title&gt; &lt;/head&gt;</code>
• <b>&lt;body&gt;</b>	Defines the body.	<code>&lt;body&gt;   &lt;h1&gt;This is a heading&lt;/h1&gt;   &lt;p&gt;This is a paragraph.&lt;/p&gt; &lt;/body&gt;</code>
• <b>&lt;title&gt;</b>	Defines the title.	<code>&lt;head&gt;   &lt;title&gt;HTML Elements   Reference&lt;/title&gt; &lt;/head&gt;</code>
• <b>&lt;meta&gt;</b>	Defines metadata.	<code>&lt;head&gt;   &lt;meta charset="...."&gt;   &lt;meta name="..."   content="..."&gt; &lt;/head&gt;</code>
• <b>&lt;style&gt;</b>	Defines style information.	<code>&lt;style&gt;   h1 {color:red;}   p {color:blue;} &lt;/style&gt;</code>
• <b>&lt;link&gt;</b>	Used to link style sheets.	<code>&lt;link rel="...." href="..."&gt;</code>
• <b>&lt;script&gt;</b>	Defines a client-side script.	<code>&lt;script&gt; ..... &lt;/script&gt;</code>
• <b>Div</b>	Division or container.	<code>&lt;div class="...."&gt;   &lt;h2&gt;heading&lt;/h2&gt;   &lt;p&gt;some text&lt;/p&gt; &lt;/div&gt;</code>
• <b>Section</b>	Used to define a section.	<code>&lt;section&gt;   &lt;h2&gt;.....&lt;/h2&gt;   &lt;p&gt;.....&lt;/p&gt;</code>

		</section>
<ul style="list-style-type: none"> <li>• <b>Article</b></li> </ul>	Specifies independent, self-contained content.	<pre>&lt;article&gt; &lt;h2&gt;....&lt;/h2&gt; &lt;p&gt;.....&lt;/p&gt; &lt;/article&gt;</pre>
<ul style="list-style-type: none"> <li>• <b>Nav</b></li> </ul>	Provides navigation links.	<pre>&lt;nav&gt;   &lt;a href="/html/"&gt;HTML&lt;/a&gt;     &lt;a href="/css/"&gt;CSS&lt;/a&gt; &lt;/nav&gt;</pre>
<ul style="list-style-type: none"> <li>• <b>Header</b></li> </ul>	Container for introductory content.	<pre>&lt;header&gt;   &lt;h1&gt;.....&lt;/h1&gt;   &lt;p&gt;.....&lt;/p&gt;   &lt;p&gt;.....&lt;/p&gt; &lt;/header&gt;</pre>
<ul style="list-style-type: none"> <li>• <b>Footer</b></li> </ul>	Contains the information	<pre>&lt;footer&gt;   &lt;p&gt;.....&lt;/p&gt;   &lt;p&gt;&lt;a .....&lt;/a&gt;&lt;/p&gt; &lt;/footer&gt;</pre>
<ul style="list-style-type: none"> <li>• <b>Aside</b></li> </ul>	Used for side bar.	<pre>&lt;p&gt;.....!&lt;/p&gt;  &lt;aside&gt; &lt;h4&gt;.....&lt;/h4&gt; &lt;p&gt;.....&lt;/p&gt; &lt;/aside&gt;</pre>
<ul style="list-style-type: none"> <li>• <b>&lt;h1&gt;</b></li> </ul>	Main page heading should be inserted .	<pre>&lt;h1&gt;This is heading 1&lt;/h1&gt;</pre>
<ul style="list-style-type: none"> <li>• <b>&lt;h2&gt;</b></li> </ul>	First sub-heading after the main heading.	<pre>&lt;h2&gt;This is heading 2&lt;/h2&gt;</pre>
<ul style="list-style-type: none"> <li>• <b>&lt;p&gt;</b></li> </ul>	Defines the paragraph.	<pre>&lt;p&gt;.....&lt;/p&gt;</pre>
<ul style="list-style-type: none"> <li>• <b>&lt;i&gt;</b></li> </ul>	Display the content in italic style.	<pre>&lt;p&gt;&lt;i&gt;.....&lt;/i&gt; ....&lt;/p&gt;</pre>
<ul style="list-style-type: none"> <li>• <b>&lt;strong&gt;</b></li> </ul>	Text with strong importance.	<pre>&lt;strong&gt;This text is important!&lt;/strong&gt;</pre>
<ul style="list-style-type: none"> <li>• <b>&lt;b&gt;</b></li> </ul>	Bold text with any extra importance.	<pre>&lt;p&gt;normal text - &lt;b&gt; bold text&lt;/b&gt;.&lt;/p&gt;</pre>

<ul style="list-style-type: none"> <li>• <b>&lt;a&gt;</b></li> </ul>	Hyperlinks,used to link from one page to another.	<code>&lt;a href="https://www.w3schools.com"&gt;Visit W3Schools.com!&lt;/a&gt;</code>
<ul style="list-style-type: none"> <li>• <b>&lt;ul&gt;</b></li> </ul>	Unordered list.	<code>&lt;ul&gt; &lt;li&gt;Coffee&lt;/li&gt; &lt;li&gt;Tea&lt;/li&gt; &lt;li&gt;Milk&lt;/li&gt; &lt;/ul&gt;</code>
<ul style="list-style-type: none"> <li>• <b>&lt;ol&gt;</b></li> </ul>	Ordered list.	<code>&lt;ol&gt; &lt;li&gt;Coffee&lt;/li&gt; &lt;li&gt;Tea&lt;/li&gt; &lt;li&gt;Milk&lt;/li&gt; &lt;/ol&gt;</code>
<ul style="list-style-type: none"> <li>• <b>&lt;li&gt;</b></li> </ul>	Represent an item in list.	<code>&lt;ol&gt; &lt;li&gt;Coffee&lt;/li&gt; &lt;li&gt;Tea&lt;/li&gt; &lt;li&gt;Milk&lt;/li&gt; &lt;/ol&gt;</code>
<ul style="list-style-type: none"> <li>• <b>&lt;image&gt;</b></li> </ul>	Images are linked to web pages.	<code>&lt;image src=" "/&gt;</code>
<ul style="list-style-type: none"> <li>• <b>Table</b></li> </ul>	Defines a table.	<code>&lt;table&gt; &lt;tr&gt; &lt;th&gt;....&lt;/th&gt; &lt;/tr&gt; &lt;tr&gt; &lt;td&gt;.....&lt;/td&gt; &lt;/tr&gt; &lt;/table&gt;</code>
<ul style="list-style-type: none"> <li>• <b>Thead</b></li> </ul>	Groups the header content in a table.	<code>&lt;thead&gt;.....&lt;/thead&gt;</code>
<ul style="list-style-type: none"> <li>• <b>Tbody</b></li> </ul>	Group the body content in the table.	<code>&lt;tbody&gt;.....&lt;/tbody&gt;</code>
<ul style="list-style-type: none"> <li>• <b>th</b></li> </ul>	Defines a header cell in a table.	<code>&lt;th&gt;....&lt;/th&gt;</code>
<ul style="list-style-type: none"> <li>• <b>tr</b></li> </ul>	Defines a row in a table.	<code>&lt;tr&gt; &lt;th&gt;....&lt;/th&gt; &lt;/tr&gt; &lt;tr&gt;</code>

		<pre>&lt;td&gt;.....&lt;/td&gt; &lt;/tr&gt;</pre>
<ul style="list-style-type: none"> <li>• <b>td</b></li> </ul>	Defines a cell in a table.	<pre>&lt;td&gt;.....&lt;/td&gt;</pre>
<ul style="list-style-type: none"> <li>• <b>Form</b></li> </ul>	Create an HTML form for user input.	<pre>&lt;form&gt;...&lt;/form&gt;</pre>
<ul style="list-style-type: none"> <li>• <b>Input</b></li> </ul>	Specifies an input field where the user can enter the data.	<pre>&lt;input type="..." id="..." name="fname"&gt;&lt;br&gt;&lt;br&gt;</pre>
<ul style="list-style-type: none"> <li>• <b>Label</b></li> </ul>	Specifies a label for an input element of a form.	<pre>&lt;label for="..."&gt;..&lt;/label&gt;&lt;br&gt;</pre>
<ul style="list-style-type: none"> <li>• <b>Select</b></li> </ul>	Element is used to create a drop-down list.	<pre>&lt;select name=".." id=".."&gt; &lt;/select&gt;</pre>
<ul style="list-style-type: none"> <li>• <b>Option</b></li> </ul>	Used to choose an option from the drop-down list.	<pre>&lt;option value=".."&gt;..&lt;/option&gt;</pre>
<ul style="list-style-type: none"> <li>• <b>Textarea</b></li> </ul>	Defines a multi-line text input control.	<pre>&lt;textarea id="..." name="..." rows=".." cols=".."&gt;.... &lt;/textarea&gt;</pre>
<ul style="list-style-type: none"> <li>• <b>iframe</b></li> </ul>	A region is created within a document in which the browser can display a separate document, including scrollbars and borders.	<pre>&lt;iframe src="..." title=".."&gt;&lt;/iframe&gt;</pre>
<ul style="list-style-type: none"> <li>• <b>&lt;audio&gt;</b></li> </ul>	Embed sound content.	<pre>&lt;audio controls&gt; &lt;source src="..." type="..."&gt; &lt;source src="..." type="..."&gt; &lt;/audio&gt;</pre>
<ul style="list-style-type: none"> <li>• <b>&lt;canvas&gt;</b></li> </ul>	Used to draw graphics on a web page using java script.	<pre>&lt;canvas id="....."&gt; &lt;/canvas&gt; &lt;script&gt;.....&lt;/script&gt;</pre>
<ul style="list-style-type: none"> <li>• <b>&lt;command&gt;</b></li> </ul>	Used to execute a command.	<pre>&lt;command type="..." label="..."&gt;....&lt;/command&gt;</pre>
<ul style="list-style-type: none"> <li>• <b>&lt;datalist&gt;</b></li> </ul>	Specifies a list of pre-defined options for an input element.	<pre>&lt;datalist id="browsers"&gt; &lt;option value="Edge"&gt; &lt;option value="Firefox"&gt; &lt;/datalist&gt;</pre>

<ul style="list-style-type: none"> <li>• <b>&lt;figure&gt;</b></li> </ul>	Specifies self contained content like diagrams ,photos,code listings,etc.	<pre>&lt;figure&gt;   &lt;img src="..." alt=".."   style="...."&gt;   &lt;figcaption&gt;.....&lt;/figcaption&gt; &lt;/figure&gt;</pre>
<ul style="list-style-type: none"> <li>• <b>&lt;mark&gt;</b></li> </ul>	Highlights some part of the text.	<pre>&lt;p&gt;Do not forget to buy &lt;mark&gt;milk&lt;/mark&gt; today.&lt;/p&gt;</pre>
<ul style="list-style-type: none"> <li>• <b>&lt;progress&gt;</b></li> </ul>	Represents progress of task.	<pre>&lt;label for="file"&gt;Downloading progress:&lt;/label&gt; &lt;progress id="file" value="32" max="100"&gt; 32% &lt;/progress&gt;</pre>
<ul style="list-style-type: none"> <li>• <b>&lt;time&gt;</b></li> </ul>	Defines a specific time (or datetime).	<pre>&lt;p&gt;Open from &lt;time&gt;10:00&lt;/time&gt; to &lt;time&gt;21:00&lt;/time&gt; every weekday.&lt;/p&gt;  &lt;p&gt;I have a class on &lt;time datetime="2023-08-4 10:00"&gt;fri day&lt;/time&gt;.&lt;/p&gt;</pre>
<ul style="list-style-type: none"> <li>• <b>&lt;video&gt;</b></li> </ul>	Used to embed video content such as movie clip or other video streams.	<pre>&lt;video width="320" height="240" controls&gt;   &lt;source src="movie.mp4" type="video/mp4"&gt;   &lt;source src="movie.ogg" type="video/ogg"&gt; &lt;/video&gt;</pre>