

Cheatsheet: CSS Overview & HTML5 Elements

Element	Description	Example
<!DOCTYPE html>	All HTML documents must start with this declaration. It tells the browser what document type to expect. Note that this element has no ending tag.	<pre> 1 2 3 <!DOCTYPE html> 4 <html> 5 <head> 6 <title>Document Title</title> 7 </head> 8 <body> 9 Document body here 10 </body> 11 </html> </pre>
	This tag, called an "anchor tag" creates hyperlinks using the href attribute. In place of path enter the URL or path name to the page you want to link to.	<pre>IBM</pre>
<article>	Identifies a self-contained piece of content that could be distributed to other websites and platforms as a stand-alone unit. Similar to <div> tag in that it does not render as anything special in the browser unless it is styled with CSS.	<pre> 1 <article class="CSS-Style-Reference"> 2 <h2>HTML</h2> 3 <p>HTML stands for Hypertext Markup Language. 4 It is a standardized system for tagging text files to display specific 5 font, color, graphics, and hyperlinks on World Wide Web pages.</p> 6 </article> </pre>
<aside>	Defines some content aside from the content it is placed in. Similar to <div> tag in that it does not render as anything special in the browser unless it is styled with CSS.	<pre> 1 <aside> 2 Use the aside tag to represent a section of a page that consists 3 of content tangentially related to the content. 4 </aside> </pre>
<body>	Contains the contents of the HTML document. It should contain all other tags besides the <head> element to display the body of the document.	<pre> 1 <!DOCTYPE html> 2 <html> 3 <head> 4 <title>Document Title</title> 5 </head> 6 <body> 7 Document body here 8 </body> 9 </html> </pre>
<div>	Often used to separate sections in the body of a document in order to style that content with CSS.	<pre> 1 <div> 2 This element has no particular semantic meaning but is often used 3 in conjunction with CSS for styling purposes. 4 </div> </pre>
<fieldset>	Groups related elements in a form and puts a box around them.	<pre> 1 <form action= "/script.php"> 2 <fieldset> 3 <legend>User:</legend> 4 <label for="fname">First name:</label> 5 <input type="text" id="fname" name="fname">

 6 <label for="lname">Last name:</label> 7 <input type="text" id="lname" name="lname">

 8 <input type="submit" value="Submit"> 9 </fieldset> 10 </form> </pre>
<figcaption>	Used in conjunction with the <figure> tag to mark up an image.	<pre> 1 <figure> 2 3 <figcaption>Fig.1 - Durham, NC</figcaption> 4 </figure> </pre>
<figure>	Used to mark up an image in conjunction with the <figcaption> tag.	<pre> 1 <figure> 2 3 <figcaption>Fig.1 - Durham, NC</figcaption> 4 </figure> </pre>

<code><footer></code>	Contains a footer of a document and often contains information such as authoring, copyright info, contact info, sitemap, and related documents.	<pre> 1 <footer> 2 <p>Author: Christopher Moore</p> 3 </footer> </pre>
<code><form></code>	Creates an HTML form for user input.	<pre> 1 <form action="/script.php"> 2 <fieldset> 3 <legend>User:</legend> 4 <label for="fname">First name:</label> 5 <input type="text" id="fname" name="fname">

 6 <label for="lname">Last name:</label> 7 <input type="text" id="lname" name="lname">

 8 <input type="submit" value="Submit"> 9 </fieldset> 10 </form> </pre>
<code><h1></code>	Adds a level 1 heading to the HTML document.	<pre> <h1>Thomas J. Watson</h1> </pre>
<code><head></code>	Contains metadata and should be placed after the <code><html></code> tag and before the <code><body></code> tag.	<pre> 1 <!DOCTYPE html> 2 <html> 3 <head> 4 <title>Document Title</title> 5 </head> 6 <body> 7 Document body here 8 </body> 9 </html> </pre>
<code><header></code>	A container for introductory content such as heading elements, logo, or authoring information.	<pre> 1 <header> 2 <h1>Header tag example</h1> 3 <p>It works as a container for introductory content such as heading elements, logo, or authoring information.</p> 4 <p>Author: Christopher Moore</p> 5 </header> </pre>
<code><html></code>	The root element of an HTML document. All other tags in the document should be contained in this tag.	<pre> 1 <!DOCTYPE html> 2 <html> 3 <head> 4 <title>Document Title</title> 5 </head> 6 <body> 7 Document body here 8 </body> 9 </html> </pre>
<code></code>	This tag is used to place an img. In place of path insert a URL or a relative file path to the image location. Other optional attributes include width and height of the image in pixels.	<pre> 1 </pre>
<code><input type="?"></code>	Specifies an input field on a form with the type attribute. Common input types include: "color", "date", "datetime-local", "email", "number", "range", "search", "url", "tel", "text" and "submit"	<pre> 1 <form action="/script.php"> 2 <fieldset> 3 <legend>User:</legend> 4 <label for="fname">First name:</label> 5 <input type="text" id="fname" name="fname">

 6 <label for="lname">Last name:</label> 7 <input type="text" id="lname" name="lname">

 8 <input type="submit" value="Submit"> 9 </fieldset> 10 </form> </pre>
<code></code>	Element that creates bulleted line items in an ordered or unordered list. Should be used in conjunction with the <code></code> or <code></code> tags.	<pre> 1 2 Bullet point 1 3 Bullet point 2 4 5 </pre>
<code><link></code>	Used to link a CSS document to an HTML document.	<pre> 1 <head> 2 <link rel="stylesheet" href="styles.css"> 3 </head> 4 </pre>
<code><meta></code>	Used to provide metadata about the	<pre> 1 <head> 2 <meta name="author" content="Christopher Moore"> 3 </head> 4 </pre>

<code><meta></code>	HTML document.	<pre> 3 </head> 4 </pre>
<code><nav></code>	Used to define a set of navigational elements.	<pre> 1 <nav> 2 Home 3 Page 1 4 Page 2 5 </nav> 6 </pre>
<code></code>	Element that creates an ordered list using numbers. Should be used in conjunction with the <code><i></code> tag.	<pre> 1 2 Numbered bullet point 1 3 Numbered bullet point 2 4 </pre>
<code><p></code>	This tag is used to identify a paragraph. It places a line break after the text it is enclosed in.	<pre> 1 <p>Thomas J. Watson, Sr. is the American 2 industrialist, who built the International Business 3 Machines Corporation (IBM) into the largest 4 manufacturer of electric typewriters and data processing equipment in the world. </p> </pre>
<code><script></code>	Used to embed Javascript in an HTML document.	<pre> 1 <script> 2 alert("Hello World"); 3 </script> </pre>
<code><section></code>	Defines an important section of a document. Can be used within headers and footers as well.	<pre> 1 <section> 2 <h2>Introduction</h2> 3 <p>This document provides some examples of how to 4 use a variety of HTML elements</p> 5 </section> 6 </pre>
<code><style></code>	Used to apply simple CSS to an HTML document.	<pre> 1 <head> 2 <style> 3 p {color:red} 4 </style> 5 </head> 6 <body> 7 <p>This paragraph will be red because I've styled 8 the paragraph tag with CSS.</p> 9 </body> </pre>
<code><table></code>	This tag is used to denote a table. Should be used with <code><tr></code> (defines a table row) and <code><td></code> (defines a table cell within a row) tags. The <code><th></code> tag can also be used to define the table header row.	<pre> 1 <table> 2 <tr> 3 <th>Header cell 1</th> 4 <th>Header cell 2</th> 5 </tr> 6 <tr> 7 <td>First row first cell</td> 8 <td>First row second cell</td> 9 </tr> 10 <tr> 11 <td>Second row first cell</td> 12 <td>Second row second cell</td> 13 </tr> 14 </table> </pre>
<code><td></code>	Denotes a cell within a row, within a table.	<pre> 1 <table> 2 <tr> 3 <th>Header cell 1</th> 4 <th>Header cell 2</th> 5 </tr> 6 <tr> 7 <td>First row first cell</td> 8 <td>First row second cell</td> 9 </tr> 10 <tr> 11 <td>Second row first cell</td> 12 <td>Second row second cell</td> 13 </tr> 14 </table> </pre>
		<pre> 1 <table> 2 <tr> 3 <th>Header cell 1</th> </pre>

<th>	Denotes the header cells within a row within a table.	<pre> 4 <th>Header cell 2</th> 5 </tr> 6 <tr> 7 <td>First row first cell</td> 8 <td>First row second cell</td> 9 </tr> 10 <tr> 11 <td>Second row first cell</td> 12 <td>Second row second cell</td> 13 </tr> 14 </table> </pre>
<title>	Defines the title of the HTML document displayed in the browser's title bar and tabs. It is required in all HTML documents. It should be contained in the <head> tag.	<pre> 1 <!DOCTYPE html> 2 <html> 3 <head> 4 <title>Document Title</title> 5 </head> 6 <body> 7 Document body here 8 </body> 9 </html> </pre>
<tr>	Denotes a row within a table.	<pre> 1 <table> 2 <tr> 3 <th>Header cell 1</th> 4 <th>Header cell 2</th> 5 </tr> 6 <tr> 7 <td>First row first cell</td> 8 <td>First row second cell</td> 9 </tr> 10 <tr> 11 <td>Second row first cell</td> 12 <td>Second row second cell</td> 13 </tr> 14 </table> </pre>
	Element that creates an unordered list using bullets. Should be used in conjunction with the tag.	<pre> 1 2 Bullet point 1 3 Bullet point 2 4 5 </pre>



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