

HTML5 Tag Syntax Reference

HTML page structure

```
<!DOCTYPE>
<html lang="en">
  <head>

    information about the page
    (HTML5 requires title and meta charset)
  </head>

  <body>
    page contents
  </body>
</html>
```

Tag syntax

```
<element attribute="value" ... attribute="value">
  content
</element>
```

```
<element attribute="value" ... attribute="value">      <!-- self-closing tag -->
```

Tags used in the head section

Tag	Type	Description
<title> text </title>		page title bar text (in head section)
<meta attribute="value" ... />		page metadata (in head section)
<link href=" url " type=" MIME type " rel=" description " />		links to other files, such as CSS style sheets, favorites icons, etc. (in head section) MIME type is e.g. "text/css" ...
<style type="text/css"> CSS content </style>		CSS style rules embedded in web page (in head section; don't do this. Use link)
<!-- comments -->		comment (can appear in head or body)

Tags used in the body section

Tag	Type	Description
<p> content </p>	block	Paragraph
<h1> content </h1>, <h2> content </h2>, ... <h6> content </h6>	block	Headings
<hr>	block	horizontal rule (line)
 content 	inline	anchor (link)
description " />	inline	image
 	inline	line break
 content , content 	inline	emphasis (italic) and strong emphasis (bold)

<pre> content content nested item nested item </pre>	block	ordered (ol) and unordered (ul) list; list item (li)
<pre><dl> <dt> term 1 </dt> <dd> description 1 </dd> <dt> term 2 </dt> <dd> description 2 </dd> </dl></pre>	block	definition list (dl); term (dt), and its description (dd)
<pre><blockquote> <p> content </p> ... </blockquote></pre>	block	block-level quotation
<pre><q> content </q></pre>	inline	inline-level quotation
<pre><code> content </code></pre>	inline	computer code (monospaced font)
<pre><pre> content </pre></pre>	block	pre-formatted text (preserves whitespace)
<pre><table> <tr> <th> heading 1 </th> <th> heading 2 </th> </tr> <tr> <td> cell 1 </td> <td> cell 2 </td> </tr> ... </table></pre>	block	table of data (table); table row (tr); table heading cell (th); normal table cell (td)
<pre><div> content </div></pre>	block	block-level section of a page
<pre> content </pre>	inline	inline section of a page

Character entities

Character	Entity
<	<
>	>
&	&
"	"
©	©

FORMS

Tag	Type	Description
<code><form action="URL" method="GET"> HTML form controls </form></code>		All form controls inside the <code><form></form></code> tags will be sent to the action URL on a submit.
<code><input type="text" name=""></code>	inline	Defines a one-line text input field. Name specifies the name of the input field.
<code><input type="password" name=""></code>	inline	Defines a one-line password input field. Name specifies the name of the input field.
<code><input type="email" name=""></code>	inline	Defines a one-line email input field. Name specifies the name of the input field.
<code><input type="radio" name="" value=""> add <u>checked</u> if you want the default to be checked.</code>	inline	Defines a radio button (for selecting one of many choices)
<code><input type="submit" value=""></code>	inline	Defines a submit button (for submitting the form). Value is the text of the button.
<code><input type="checkbox" name="" value=""> add <u>checked</u> if you want the default to be checked.</code>	inline	Defines a checkbox. Value is the value assigned
<code><textarea rows="" cols=""> </textarea></code>	inline	creates a text box area of size "rows" and "cols". Note that text appearing between the open/end tags is the default data to be placed in the text area.
<code><label><input type="type"> Content </label></code>	inline	Associates content (text or image) with an input type.
<code><input type="reset" value=""></code>	inline	Defines a reset button (for resetting all inputted text in a form) Value is the text of the button.
<code><select name="name"> <option>option1</option> <option>option2</option> <option option3</option> ... </select> Add <u>selected="selected"</u> within the <option> tag for the default option.</code>	inline	<code><select></code> creates a pulldown list. <code><option>..</option></code> are the values of that list.
<code><fieldset> <legend>Title</legend> </fieldset></code>	block	fieldset groups related input fields, adds a border; legend supplies a caption
<code><button id="name"> Text <button></code>	inline	This style of button is more common with JavaScript (and not forms). Create buttons and attach functions to various events.