

# HTML Essentials Cheat Sheet



While HTML is easy to learn, memorizing its numerous tags, attributes, and other elements can seem daunting.

But don't worry. You can get a quick refresher on them anytime with this cheatsheet!

<b>&lt;html&gt; ... &lt;/html&gt;</b>	The first and last tag of an HTML document. All other tags lie between these opening and closing tags.
<b>&lt;head&gt; ... &lt;/head&gt;</b>	Specifies the collection of metadata for the document.
<b>&lt;title&gt; ... &lt;/title&gt;</b>	Describes the title for the page and shows up in the browser's title bar.
<b>&lt;body&gt; ... &lt;/body&gt;</b>	Includes all content that will be displayed on the webpage.

## Document Information

<b>&lt;base/&gt;</b>	Mentions the base URL and all relative links to the document.
<b>&lt;meta/&gt;</b>	For extra information about the page like author, publish date, etc.
<b>&lt;link/&gt;</b>	Links to external elements like style sheets.
<b>&lt;style&gt; ... &lt;/style&gt;</b>	Contains document style information like CSS (Cascading Style Sheets).
<b>&lt;script&gt; ... &lt;/script&gt;</b>	Contains links to external scripts.

## Text Formatting

<b>&lt;strong&gt; ... &lt;/strong&gt; OR &lt;b&gt; ... &lt;/b&gt;</b>	Makes text bold.
<b>&lt;em&gt; ... &lt;/em&gt;</b>	Italicizes text and makes it bold.
<b>&lt;i&gt; ... &lt;/i&gt;</b>	Italicizes text but does not make it bold.
<b>&lt;strike&gt; ... &lt;/strike&gt;</b>	Strikethrough text.
<b>&lt;cite&gt; ... &lt;/cite&gt;</b>	Cites an author of a quote.
<b>&lt;del&gt; ... &lt;/del&gt;</b>	Labels a deleted portion of a text.
<b>&lt;ins&gt; ... &lt;/ins&gt;</b>	Shows a section that has been inserted into the content.
<b>&lt;blockquote&gt; ... &lt;/blockquote&gt;</b>	For displaying quotes. Often used with the <cite> tag.
<b>&lt;q&gt; ... &lt;/q&gt;</b>	For shorter quotes.
<b>&lt;abbr&gt; ... &lt;/abbr&gt;</b>	For abbreviations and full-forms.
<b>&lt;address&gt; ... &lt;/address&gt;</b>	Specifies contact details.
<b>&lt;dfn&gt; ... &lt;/dfn&gt;</b>	For definitions.
<b>&lt;code&gt; ... &lt;/code&gt;</b>	For code snippets.
<b>&lt;sub&gt; ... &lt;/sub&gt;</b>	For writing subscripts
<b>&lt;sup&gt; ... &lt;/sup&gt;</b>	For writing superscripts.
<b>&lt;small&gt; ... &lt;/small&gt;</b>	For reducing the text size and marking redundant information in HTML5.

## Document Structure

<b>&lt;h1..h6&gt; ... &lt;/h1..h6&gt;</b>	Different levels of headings. H1 is the largest and H6 is the smallest.
<b>&lt;div&gt; ... &lt;/div&gt;</b>	For dividing content into blocks.
<b>&lt;span&gt; ... &lt;/span&gt;</b>	Includes inline elements, like an image, icon, emoticon, without ruining the formatting of the page.
<b>&lt;p&gt; ... &lt;/p&gt;</b>	Contains plain text.
<b>&lt;br/&gt;</b>	Creates a new line.
<b>&lt;hr/&gt;</b>	Draws a horizontal bar to show end of the section.

## Lists

<b>&lt;ol&gt; ... &lt;/ol&gt;</b>	For ordered list of items.
<b>&lt;ul&gt; ... &lt;/ul&gt;</b>	For unordered list of items.
<b>&lt;li&gt; ... &lt;/li&gt;</b>	For individual items in a list.
<b>&lt;dl&gt; ... &lt;/dl&gt;</b>	List of items with definitions.
<b>&lt;dt&gt; ... &lt;/dt&gt;</b>	The definition of a single term inline with body content.
<b>&lt;dd&gt; ... &lt;/dd&gt;</b>	The description for the defined term.

## Links

<b>&lt;a href=""&gt; ... &lt;/a&gt;</b>	Anchor tag for hyperlinks.
<b>&lt;a href="mailto:"&gt; ... &lt;/a&gt;</b>	Tag for linking to email addresses.
<b>&lt;a href="tel:/###-###" ... &lt;/a&gt;</b>	Anchor tag for listing contact numbers.
<b>&lt;a name="name"&gt; ... &lt;/a&gt;</b>	Anchor tag for linking to another part of the same page.
<b>&lt;a href="#name"&gt; ... &lt;/a&gt;</b>	Navigates to a div section of the webpage. (Variation of the above tag)

## Images

<b>&lt;img /&gt;</b>	For displaying image files.
<b>Attributes for the &lt;img&gt; tag</b>	
<b>src="url"</b>	Link to the source path of the image.
<b>alt="text"</b>	The text displayed when a mouse is hovered over the image.
<b>height=" "</b>	Image height in pixels or percentages.
<b>width=" "</b>	Image width in pixels or percentages.
<b>align=" "</b>	Relative alignment of the image on the page.
<b>border=" "</b>	Border thickness of the image.
<b>&lt;map&gt; ... &lt;/map&gt;</b>	Link to a clickable map.
<b>&lt;map name=""&gt; ... &lt;/map&gt;</b>	Name of the map image.
<b>&lt;area /&gt;</b>	The image area of an image map.
<b>Attributes for the &lt;area&gt; tag</b>	
<b>shape=" "</b>	Shape of the image area.
<b>coords=" "</b>	Coordinates of the map image area.

## Forms

<b>&lt;form&gt; ... &lt;/form&gt;</b>	The parent tag for an HTML form.
<b>Attributes for the &lt;form&gt; tag</b>	
<b>action="url"</b>	The URL where form data is submitted.
<b>method=" "</b>	Specifies the form submission protocol (POST or GET).
<b>enctype=" "</b>	The data encoding scheme for POST submissions.
<b>autocomplete</b>	Specifies if form autocomplete is on or off.
<b>novalidate</b>	Specifies whether the form should be validated before submission.
<b>accept-charsets</b>	Specifies character encoding for form submissions.
<b>target</b>	Shows where the form submission response will be displayed.
<b>&lt;fieldset&gt; ... &lt;/fieldset&gt;</b>	Groups related elements in the form/
<b>&lt;label&gt; ... &lt;/label&gt;</b>	Specifies what the user should enter in each form field.
<b>&lt;legend&gt; ... &lt;/legend&gt;</b>	A caption for the fieldset element.
<b>&lt;input /&gt;</b>	Specifies what type of input to take from the user.

<b>Attributes for the &lt;input&gt; tag</b>	
<b>type=""</b>	Determines the type of input (text, dates, password).
<b>name=""</b>	Specifies the name of the input field.
<b>value=""</b>	Specifies the value in the input field.
<b>size=""</b>	Sets the number of characters for the input field.
<b>maxlength=""</b>	Sets the limit of input characters allowed.
<b>required</b>	Makes an input field compulsory.
<b>width=""</b>	Sets width of the input field in pixels.
<b>height=""</b>	Sets height of the input field in pixels.
<b>placeholder=""</b>	Describes expected field value.
<b>pattern=""</b>	Specifies a regular expression, which can be used to look for patterns in the user's text.
<b>min=""</b>	The minimum value allowed for an input element.
<b>max=""</b>	The maximum value allowed for an input element.
<b>disabled</b>	Disables the input element.
<b>&lt;textarea&gt; ... &lt;/textarea&gt;</b>	For capturing longer strings of data from the user.
<b>&lt;select&gt; ... &lt;/select&gt;</b>	Specifies a list of options which the user can choose from.

<b>Attributes for the &lt;select&gt; tag</b>	
<b>name=""</b>	Specifies name for a dropdown list.
<b>size=""</b>	Number of options given to the user.
<b>multiple</b>	Sets whether the user can choose multiple options from the list.
<b>required</b>	Specifies whether choosing an option/s is necessary for form submission.
<b>autofocus</b>	Specifies that a drop-down list automatically comes into focus after a page loads.
<b>&lt;option&gt; ... &lt;/option&gt;</b>	Defines items in a dropdown list.
<b>value=""</b>	Displays the text for any given option.
<b>selected</b>	Sets default option that is displayed.
<b>&lt;button&gt; ... &lt;/button&gt;</b>	Tag for creating a button for form submission.

## Objects and iFrames

<b>&lt;object&gt; ... &lt;/object&gt;</b>	Describes the embedded filetype.
<b>Attributes for the &lt;object&gt; tag</b>	
<b>height=""</b>	The height of the object.
<b>width=""</b>	The width of the object.
<b>type=""</b>	The type of media the object contains.
<b>&lt;iframe&gt; ... &lt;/iframe&gt;</b>	An inline frame for embedding external information.
<b>name=""</b>	The name of the iFrame.
<b>src=""</b>	The source URL for the content inside the frame.
<b>srcdoc=""</b>	The HTML content within the frame.
<b>height=""</b>	The height of the iFrame.
<b>width=" "</b>	The width of the iFrame.
<b>&lt;param /&gt;</b>	Adds extra parameters to customize the iFrame.
<b>&lt;embed&gt; ... &lt;/embed&gt;</b>	Embeds external application or plugin.
<b>Attributes for the &lt;object&gt; tag</b>	
<b>height=" "</b>	Sets the height of the embed.
<b>width=" "</b>	Sets the width of the embed.
<b>type=""</b>	The type or format of the embed.
<b>src=""</b>	The source path of the embedded file.

## Tables

<b>&lt;table&gt; ... &lt;/table&gt;</b>	Defines all content for a table.
<b>&lt;caption&gt; ... &lt;/caption&gt;</b>	A description of the table.
<b>&lt;thead&gt; ... &lt;/thead&gt;</b>	Headers for each column in the table.
<b>&lt;tbody&gt; ... &lt;/tbody&gt;</b>	Defines the body data for the table.
<b>&lt;tfoot&gt; ... &lt;/tfoot&gt;</b>	Describes the content for the table's footer.
<b>&lt;tr&gt; ... &lt;/tr&gt;</b>	Content for a single row.
<b>&lt;th&gt; ... &lt;/th&gt;</b>	The data in a single header item.
<b>&lt;td&gt; ... &lt;/td&gt;</b>	Content within a single table cell.
<b>&lt;colgroup&gt; ... &lt;/colgroup&gt;</b>	Groups columns for formatting.
<b>&lt;col&gt;</b>	A single column of information.

## HTML5 New Tags

<b>&lt;header&gt; ... &lt;/header&gt;</b>	Specifies the webpage header.
<b>&lt;footer&gt; ... &lt;/footer&gt;</b>	Specifies the webpage footer.
<b>&lt;main&gt;...&lt;/main&gt;</b>	Marks main content of the webpage.
<b>&lt;article&gt;...&lt;/article&gt;</b>	Specifies an article.
<b>&lt;aside&gt; ... &lt;/aside&gt;</b>	Specifies sidebar content of a page.
<b>&lt;section&gt;...&lt;/section&gt;</b>	Specifies a particular section in the webpage.
<b>&lt;details&gt; ... &lt;/details&gt;</b>	For describing extra information.
<b>&lt;summary&gt; ... &lt;/summary&gt;</b>	Used as a heading for the above tag. Is always visible to the user.
<b>&lt;dialog&gt;...&lt;/dialog&gt;</b>	Creates a dialog box.
<b>&lt;figure&gt;...&lt;/figure&gt;</b>	Used for including charts and figures.
<b>&lt;figcaption&gt; ... &lt;/figcaption&gt;</b>	Describes a <figure> element.
<b>&lt;mark&gt;...&lt;/mark&gt;</b>	Highlights a specific part of the text.
<b>&lt;nav&gt;...&lt;/nav&gt;</b>	Set of navigation links on a webpage.
<b>&lt;menuitem&gt;...&lt;/menuitem&gt;</b>	A particular item from a list or a menu.
<b>&lt;meter&gt;...&lt;/meter&gt;</b>	Measures data within a given range.
<b>&lt;progress&gt;...&lt;/progress&gt;</b>	Places a progress bar and tracks progress.
<b>&lt;rp&gt;...&lt;/rp&gt;</b>	Displays text that do not support Ruby annotations.
<b>&lt;rt&gt;...&lt;/rt&gt;</b>	Displays East Asia typography character details.
<b>&lt;ruby&gt;...&lt;/ruby&gt;</b>	A Ruby annotation for East Asian typography.
<b>&lt;time&gt;...&lt;/time&gt;</b>	Identifies time and date.
<b>&lt;wbr&gt;</b>	A line break within the content.

## HTML5 Character Objects

<b>&amp;#34; &amp;quot;</b>	Quotation Marks
<b>&amp;#60; &amp;lt;</b>	Lesser than sign (<)
<b>&amp;#62; &amp;gt;</b>	Greater than sign (>)
<b>&amp;#160; &amp;nbsp;</b>	Non-breaking space
<b>&amp;#169; &amp;copy;</b>	Copyright symbol
<b>&amp;#153; &amp;ucirc;</b>	Trademark symbol
<b>&amp;#64; &amp;Uuml;</b>	"at" symbol (@)
<b>&amp;#38; &amp;amp;</b>	Ampersand symbol (&)
<b>&amp;#149; &amp;ouml;</b>	Small bullet