HTML5 Cheat Sheet

COMMONLY USED HTML5 TAGS

Tag	Purpose	Commonly Used Attributes
`<!-- -->`	Comment	
`<a>`	Anchor tag; configures hyperlinks	accesskey, class, href, id, name, rel, style, tabindex, target, title
`<abbr>`	Configures an abbreviation	class, id, style
`<address>`	Configures contact information	class, id, style
`<area>`	Configures an area in an image map	accesskey, alt, class, href, hreflang, id, media, rel, shape, style, tabindex, target, type
`<article>`	Configures an independent section of a document as an article	class, id, style
`<aside>`	Configures tangential content	class, id, style
`<audio>`	Configures an audio control native to the browser	autoplay, class, controls, id, loop, preload, src, style, title
`<b>`	Configures bold text with no implied importance	class, id, style
`<blockquote>`	Configures a long quotation	class, id, style
`<body>`	Configures the body section	alink (deprecated), background (deprecated), bgcolor (deprecated), class, id, link (deprecated), style, text (deprecated), vlink (deprecated)
` `	Configures a line break	class, id, style
`<button>`	Configures a button	accesskey, autofocus, class, disabled, formt, formaction, formenctype, mormmethod, formtarget, formnovalidate id, name, type, style, value
`<canvas>`	Configures dynamic graphics	class, height, id, style, title, width
`<caption>`	Configures a caption for a table	align (deprecated) class, id, style
`<cite>`	Configures the title of a cited work	class, height, id, style, title
`<code>`	Configures a fragment of computer code	class, id, style
`<col>`	Configures a table column	class, id, span, style
`<colgroup>`	Configures a group of one or more columns in a table	class, id, span, style
`<command>`	Configures an area to represent commands	class, id, style, type

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Tag	Purpose	Commonly Used Attributes
`<datalist>`	Configures a control that contains one or more option elements	class, id, style
`<dd>`	Configures a description area in a description list	class, id, style
`<del>`	Configures deleted text (with strikethrough)	cite, class, datetime, id, style
`<details>`	Configures a control to provide additional information to the user on demand	class, id, open, style
`<dfn>`	Configures the definition of a term	class, id, style
`<div>`	Configures a generic section or division in a document	class, id, style
`<dl>`	Configures a description list (formerly called a definition list)	class, id, style
`<dt>`	Configures a term in a description list	class, id, style
`<em>`	Configures emphasized text (usually displays in italics)	class, id, style
`<fieldset>`	Configures a grouping of form elements with a border	class, id, style
`<figcaption>`	Configures a caption for a figure	class, id, style
`<figure>`	Configures a figure	class, id, style
`<footer>`	Configures a footer area	class, id, style
`<form>`	Configures a form	accept-charset, action, autocomplete class, enctype, id, method, name, novalidate, style, target
`<h1>` … `<h6>`	Configures headings	class, id, style
`<head>`	Configures the head section	
`<header>`	Configures a header area	class, id, style
`<hgroup>`	Configures a heading group	class, id, style
`<hr>`	Configures a horizontal line; indicates a thematic break in HTML5	class, id, style
`<html>`	Configures the root element of a web page document	lang, manifest
`<i>`	Configures italic text	class, id, style
`<iframe>`	Configures an inline frame	class, height, id, name, sandbox, seamless, src, style, width
`<img>`	Configures an image	alt, class, height, id, ismap, name, src, style, usemap, width
`<input>`	Configures an input control; text box, email text box, URL text box, search text box, telephone number text box, scrolling text box, submit button, reset button, password box, calendar control, slider control, spinner control, color picker control, or hidden field form control	accesskey, autocomplete, autofocus, class, checked, disabled, form, id, list, max, maxlength, min, name, pattern, placeholder, readonly, required, size, step, style, tabindex, type, value

Tag	Purpose	Commonly Used Attributes
`<ins>`	Configures text that has been inserted with an underline	cite, class, datetime, id, style
`<kbd>`	Configures a representation of user input	class, id, style
`<keygen>`	Configures a control that generates a public-private key pair or submits the public key.	autofocus, challenge, class, disabled, form, id, keytype, style
`<label>`	Configures a label for a form control	class, for, form, id, style
`<legend>`	Configures a caption for a fieldset element	class, id, style
`<li>`	Configures a list item in an unordered or ordered list	class, id, style, value
`<link>`	Associates a web page document with an external resource	class, href, hreflang, id, rel, media, sizes, style, type
`<map>`	Configures an image map	class, id, name, style
`<mark>`	Configures text as marked (or highlighted) for easy reference	class, id, style
`<menu>`	Configures a list of commands	class, id, label, style, type
`<meta>`	Configures meta data	charset, content, http-equiv, name
`<meter>`	Configures visual gauge of a value	class, id, high, low, max, min, optimum, style, value
`<nav>`	Configures an area with navigation hyperlinks	class, id, style
`<noscript>`	Configures content for browsers that do not support client-side scripting	
`<object>`	Configures a generic embedded object	classid, codebase, data, form, height, name, id, style, title, tabindex, type, width
`<ol>`	Configures an ordered list	class, id, reversed, start, style
`<optgroup>`	Configures a group of related options in a select list	class, disabled, id, label, style
`<option>`	Configures an option in a select list	class, disabled, id, selected, style, value
`<output>`	Configures result of processing in a form	class, for, form, id, style
`<p>`	Configures a paragraph	class, id, style
`<param>`	Configures a parameter for plug-ins	name, value
`<pre>`	Configures preformatted text	class, id, style
`<progress>`	Configures a visual progress indicator	class, id, max, style, value
`<q>`	Configures quoted text	cite, class, id, style
`<rp>`	Configures a ruby parentheses	class, id, style
`<rt>`	Configures ruby text component of a ruby annotation	class, id, style
`<ruby>`	Configures a ruby annotation	class, id, style
`<samp>`	Configures sample output from a computer program or system	class, id, style
`<script>`	Configures a client-side script (typically JavaScript)	async, charset, defer, src, type

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Tag	Purpose	Commonly Used Attributes
`<section>`	Configures a section of a document	class, id, style
`<select>`	Configures a select list form control	class, disabled, form, id, multiple, name, size, style, tabindex
`<small>`	Configures a disclaimer in small text size	class, id, style
`<source>`	Configures text as marked (or highlighted) for easy reference	class, id, media, src, style, type
`<span>`	Configures a generic section of a document with inline display	class, id, style
`<strong>`	Configures text with strong importance (typically displayed as bold)	class, id, style
`<style>`	Configures embedded styles in a web page document	media, scoped, type
`<sub>`	Configures subscript text	class, id, style
`<summary>`	Configures text as a summary, caption, or legend for a details control	class, id, style
`<sup>`	Configures superscript text	class, id, style
`<table>`	Configures a table	class, id, style, summary
`<tbody>`	Configures the body section of a table	class, id, style
`<td>`	Configures a table data cell in a table	class, colspan, id, headers, rowspan
`<textarea>`	Configures a scrolling text box form control	accesskey, autofocus, class, cols, disabled, id, maxlength, name, placeholder, readonly, required, rows, style, tabindex, wrap
`<tfoot>`	Configures the footer section of a table	class, id, style
`<th>`	Configures a table header cell in a table	class, colspan, id, headers, rowspan, scope, style
`<thead>`	Configures the head section of a table	class, id, style
`<time>`	Configures a date and/or time	class, datetime, id, pubdate, style
`<title>`	Configures the title of a web page document	
`<tr>`	Configures a row in a table	class, id, style
`<ul>`	Configures an unordered list	class, id, style
`<var>`	Configures text as a variable or placeholder text	class, id, style
`<video>`	Configures a video control native to the browser	autoplay, class, controls, height, id, loop, poster, preload, src, style, width
`<wbr>`	Configures a line-break opportunity	class, id, style

CSS Cheat Sheet

COMMONLY USED CSS PROPERTIES

Property	Description
background	Shorthand to configure all the background properties of an element Value: `background-color` `background-image` `background-repeat` `background-position`
background-attachment	Configures a background image as fixed-in-place or scrolling Value: `scroll` (default) or `fixed`
background-clip	CSS3; configures the area to display the background Value: `border-box`, `padding-box`, or `content-box`
background-color	Configures the background color of an element Value: Valid color value
background-image	Configures a background image for an element Value: `url` (*file name or path to the image*), none (default) Optional new CSS3 functions: `linear-gradient()` and `radial-gradient()`
background-origin	CSS3; configures the background positioning area. Value: `padding-box`, `border-box`, or `content-box`
background-position	Configures the position of a background image Value: Two percentages, pixel values, or position values (`left`, `top`, `center`, `bottom`, `right`)
background-repeat	Configures how the background image will be repeated Value: `repeat` (default), `repeat-y`, `repeat-x`, or `no-repeat`
background-size	CSS3; configures the size of the background images. Value: Numeric value (px or em), percentage, contain, cover
border	Shorthand to configure the border of an element Value: `border-width` `border-style` `border-color`
border-bottom	Configures the bottom border of an element Value: `border-width` `border-style` `border-color`
border-collapse	Configures the display of borders in a table Value: `separate` (default) or `collapse`
border-color	Configures the border color of an element Value: Valid color value
border-image	CSS3; configures an image in the border of an element. See http://www.w3.org/TR/css3-background/#the-border-image
border-left	Configures the left border of an element Value: `border-width` `border-style` `border-color`

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Property	Description
border-radius	CSS3; configures rounded corners Value: One or two numeric values (px or em) or percentages that configure horizontal and vertical radius of the corner. If one value is provided, it applies to both horizontal and vertical radius. Related properties: border-top-left-radius, border-top-right-radius, border-bottom-left-radius, and border-bottom-right-radius
border-right	Configures the right border of an element Value: border-width border-style border-color
border-spacing	Configures the space between table cells in a table. Value: Numeric value (px or em)
border-style	Configures the style of the borders around an element Value: none (default), inset, outset, double, groove, ridge, solid, dashed, or dotted
border-top	Configures the top border of an element Value: border-width border-style border-color
border-width	Configures the width of an element's border Value: Numeric pixel value (such as 1 px), thin, medium, or thick
bottom	Configures the offset position from the bottom of a containing element Value: Numeric value (px or em), percentage, or auto (default)
box-shadow	CSS3; configures a drop shadow on an element Values: Three or four numerical values (px or em) to indicate horizontal offset, vertical offset, blur radius, (optional) spread distance, and a valid color value. Use the inset keyword to configure an inner shadow.
caption-side	Configures the placement of a table caption Value: top (default), or bottom
clear	Configures the display of an element in relation to floating elements Value: none (default), left, right, or both
color	Configures the color of text within an element Value: Valid color value
display	Configures how and if an element will display Value: inline, none, block, list-item, table, table-row, or table-cell
float	Configures the horizontal placement (left or right) of an element Value: none (default), left, or right
font	Shorthand to configure the font properties of an element Value: font-style font-variant font-weight font-size/line-height font-family
font-family	Configures the font typeface of text Value: List of valid font names or generic font family names
font-size	Configures the font size of text Value: Numeric value (px, pt, em), percentage value, xx-small, x-small, small, medium (default), large, x-large, xx-large, smaller, or larger

Property	Description
font-stretch	CSS3; configures a normal, condensed, or expanded face from a font family Values include: normal, wider, narrower, condensed, semi-condensed, expanded, ultra-expanded
font-style	Configures the font style of text Value: normal (default), italic, or oblique
font-variant	Configures whether text is displayed in small-caps font Value: normal (default) or small-caps
font-weight	Configures the weight (boldness) of text Value: normal (default), bold, bolder, lighter, 100, 200, 300, 400, 500, 600, 700, 800, or 900
height	Configures the height of an element Value: Numeric value (px or em), percentage, or auto (default)
left	Configures the offset position from the left of a containing element Value: Numeric value (px or em), percentage, or auto (default)
letter-spacing	Configures the space between text characters Value: Numeric value (px or em) or normal (default)
line-height	Configures the line height of text Value: Numeric value (px or em), percentage, multiplier numeric value, or normal (default),
list-style	Shorthand to configure the properties of a list list-style-type list-style-position list-style-image
list-style-image	Configures an image as a list marker Value: url (*file name or path to the image*) or none (default)
list-style-position	Configures the position of the list markers Value: inside, or outside (default)
list-style-type	Configures the type of list marker displayed Value: none, circle, disc (default), square, decimal, decimal-leading-zero, Georgian, lower-alpha, lower-roman, upper-alpha, or upper-roman
margin	Shorthand to configure the margin of an element Value: One to four numeric values (px or em), percentages, auto or 0
margin-bottom	Configures the bottom margin of an element Value: Numeric value (px or em), percentage, auto or 0
margin-left	Configures the left margin of an element *Value: Numeric value (px or em), percentage, auto or 0*
margin-right	Configures the right margin of an element Value: Numeric value (px or em), percentage, auto or 0
margin-top	Configures the top margin of an element Value: Numeric value (px or em), percentage, auto or 0
max-height	Configures the maximum height of an element Value: Numeric value (px or em), percentage, or none (default)
max-width	Configures the maximum width of an element Value: Numeric value (px or em), percentage, or none (default)

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Property	Description
min-height	Configures the minimum height of an element Value: Numeric value (px or em), or percentage
min-width	Configures the minimum width of an element Value: Numeric value (px or em), or percentage
opacity	CSS3; configures the transparency of an element. Values: Numeric value between 1 (fully opaque) and 0 (completely transparent).
overflow	Configures how content should display if it is too large for the area allocated. Value: `visible` (default), `hidden`, `auto`, or `scroll`
padding	Shorthand to configure the padding of an element Value: One to four numeric values (px or em), percentages, or 0
padding-bottom	Configures the bottom padding of an element Value: Numeric value (px or em), percentage, or 0
padding-left	Configures the left padding of an element Value: Numeric value (px or em), percentage, or 0
padding-right	Configures the right padding of an element Value: Numeric value (px or em), percentage, or 0
padding-top	Configures the top padding of an element Value: Numeric value (px or em), percentage, or 0
page-break-after	Configures the page break after an element Value: `auto` (default), `always`, `avoid`, `left`, or `right`
page-break-before	Configures the page break before an element Value: `auto` (default), `always`, `avoid`, `left`, or `right`
page-break-inside	Configures the page break inside an element Value: `auto` (default) or `avoid`
position	Configures the type of positioning used to display an element Value: `static` (default), `absolute`, `fixed`, or `relative`
right	Configures the offset position from the right of a containing element Value: Numeric value (px or em), percentage, or `auto` (default)
text-align	Configures the horizontal alignment of text Value: `left`, `right`, `center`, `justify`
text-decoration	Configures the decoration added to text Value: `none` (default), `underline`, `overline`, `line-through`, or `blink`
text-indent	Configures the indentation of the first line of text Value: Numeric value (px or em), or percentage
text-outline	CSS3; configures an outline around text displayed within an element Values: One or two numerical values (px or em) to indicate thickness and (optionally) blur radius, and a valid color value
text-shadow	CSS3; configures a drop shadow on the text displayed within an element Values: Three or four numerical values (px or em) to indicate horizontal offset, vertical offset, blur radius, (optional) spread distance, and a valid color value.

Property	Description
text-transform	Configures the capitalization of text Value: none (default), capitalize, uppercase, or lowercase
top	Configures the offset position from the top of a containing element Value: Numeric value (px or em), percentage, or auto (default)
transform	CSS3; configures change or transformation in the display of an element. Values: A transform function such as scale(), translate(), matrix(), rotate(), skew(), or perspective()
transition	CSS3; Shorthand property to configure the presentational transition of a CSS property value Value: list the value for transition-property, transition duration, transition-timing-function, and transition-delay separated by spaces; default values can be omitted, but the first time unit applies to transition-duration.
transition-delay	CSS3; Indicates the beginning of the transition; default value 0 configures no delay, otherwise use a numeric value to specify time (usually in seconds)
transition-duration	CSS3; Indicates the length of time to apply the transition; default value 0 configures an immediate transition, otherwise use a numeric value to specify time (usually in seconds)
transition-property	CSS3; Indicates the CSS property that the transition applies to; a list of applicable properties is available at http://www.w3.org/TR/css3-transitions
transition- timing-function	CSS3; Configures changes in the speed of the transition by describing how intermediate property values are calculated; common values include ease (default), linear, ease-in, ease-out, ease-in-out
vertical-align	Configures the vertical alignment of an element Value: Numeric value (px or em), percentage, baseline (default), sub, super, top, text-top, middle, bottom, or text-bottom
visibility	Configures the visibility of an element Value: visible (default), hidden, or collapse
white-space	Configures white space inside an element Value: normal (default), nowrap, pre, pre-line, or pre-wrap
width	Configures the width of an element Value: Numeric value (px or em), percentage, or auto (default)
word-spacing	Configures the space between words within text Value: Numeric value (px or em) or auto (default)
z-index	Configures the stacking order of an element Value: A numeric value or auto (default)

Commonly Used CSS Pseudo-Classes and Pseudo-Elements

Name	Purpose
:active	Configures an element that is being clicked
:after	Inserts and configures content after an element
:before	Inserts and configures content before an element
:first-child	Configures an element that is the first child of another element
:first-letter	Configures the first character of text
:first-line	Configures the first line of text
:first-of-type	CSS3; Configures the first element of the specified type
:focus	Configures an element that has keyboard focus
:hover	Configures an element that has a mouse placed over it
:last-child	CSS3; configures the last child of an element
:last-of-type	CSS3; configures the last element of the specified type
:link	Configures a hyperlink that has not been visited
:nth-of-type(n)	CSS3; configures the "nth" element of the specified type. Values: a number, odd, or even
:visited	Configures a hyperlink that has been visited

Web Safe Color Palette

#990033 153:0:51	#FF3366 255:51:102	#CC0033 204:0:51	#FF0033 255:0:51	#FF9999 255:153:153	#CC3366 204:51:102	#FFCCFF 255:204:255	#CC6699 204:51:153	#993366 153:51:102	#660033 102:0:51	#CC3399 204:51:153	#FF99CC 255:153:204	#FF66CC 255:102:204	#FF99FF 255:153:255	#FF6699 255:102:153	#CC0066 204:0:102
#FF0066 255:0:102	#FF3399 255:51:153	#FF0099 255:0:153	#FF33CC 255:51:204	#FF00CC 255:0:204	#FF66FF 255:102:255	#FF33FF 255:51:255	#FF00FF 255:0:255	#CC0099 204:0:153	#990066 153:0:102	#CC66CC 204:102:204	#CC33CC 204:51:204	#CC99FF 204:153:255	#CC66FF 204:102:255	#CC33FF 204:51:255	#993399 153:51:153
#CC00CC 204:0:204	#CC00FF 204:0:255	#9900CC 153:0:204	#990099 153:0:153	#CC99CC 204:153:204	#996699 153:102:153	#663366 102:51:102	#660099 102:0:153	#9933CC 153:51:204	#660066 102:0:102	#9900FF 153:0:255	#9933FF 153:51:255	#9966CC 153:102:204	#330033 51:0:51	#663399 102:51:153	#6633CC 102:51:204
#6600CC 102:0:204	#330066 51:0:102	#9966FF 153:102:255	#6600FF 102:0:255	#6633FF 102:51:255	#CCCCFF 204:204:255	#9999FF 153:153:255	#9999CC 153:153:204	#6666CC 102:102:204	#6666FF 102:102:255	#666699 102:102:153	#333366 51:51:102	#333399 51:51:153	#330099 51:0:153	#3300CC 51:0:204	#3300FF 51:0:255
#3333FF 51:51:255	#3333CC 51:51:204	#0066FF 0:102:255	#0033FF 0:51:255	#3366FF 51:102:255	#3366CC 51:102:204	#000066 0:0:102	#000033 0:0:51	#0000FF 0:0:255	#000099 0:0:153	#0033CC 0:51:204	#0000CC 0:0:204	#336699 51:102:153	#0066CC 0:102:204	#99CCFF 153:204:255	#6699FF 102:153:255
#003366 0:51:102	#6699CC 102:153:204	#006699 0:102:153	#3399CC 51:153:204	#0099CC 0:153:204	#66CCFF 102:204:255	#3399FF 51:153:255	#003399 0:51:153	#0099FF 0:153:255	#33CCFF 51:204:255	#00CCFF 0:204:255	#99FFFF 153:255:255	#66FFFF 102:255:255	#33FFFF 51:255:255	#00FFFF 0:255:255	#00CCCC 0:204:204
#009999 0:153:153	#669999 102:153:153	#99CCCC 153:204:204	#CCFFFF 204:255:255	#33CCCC 51:204:204	#66CCCC 102:204:204	#339999 51:153:153	#336666 51:102:102	#006666 0:102:102	#003333 0:51:51	#00FFCC 0:255:204	#33FFCC 51:255:204	#33CC99 51:204:153	#00CC99 0:204:153	#66FFCC 102:255:204	#99FFCC 153:255:204
#00FF99 0:255:153	#339966 51:153:102	#006633 0:102:51	#669966 102:153:102	#66CC66 102:204:102	#99FF99 153:255:153	#66FF66 102:255:102	#99CC99 153:204:153	#336633 51:102:51	#66FF99 102:255:153	#33FF99 51:255:153	#33CC66 51:204:102	#00CC66 0:204:102	#66CC99 102:204:153	#009966 0:153:102	#339933 51:153:51
#009933 0:153:51	#33FF66 51:255:102	#00FF66 0:255:102	#CCFFCC 204:255:204	#CCFF99 204:255:153	#99FF66 153:255:102	#99FF33 153:255:51	#00FF33 0:255:51	#33FF33 51:255:51	#00CC33 0:204:51	#33CC33 51:204:51	#66FF33 102:255:51	#00FF00 0:255:0	#66CC33 102:204:51	#006600 0:102:0	#003300 0:51:0
#009900 0:153:0	#33FF00 51:255:0	#66FF00 102:255:0	#99FF00 153:255:0	#66CC00 102:204:0	#00CC00 0:204:0	#33CC00 51:204:0	#339900 51:153:0	#99CC66 153:204:102	#669933 102:153:51	#99CC33 153:204:51	#336600 51:102:0	#669900 102:153:0	#99CC00 153:204:0	#CCFF66 204:255:102	#CCFF33 204:255:51
#CCFF00 204:255:0	#999900 153:153:0	#CCCC00 204:204:0	#CCCC33 204:204:51	#333300 51:51:0	#666600 102:102:0	#999933 153:153:51	#CCCC66 204:204:102	#666633 102:102:51	#999966 153:153:102	#CCCC99 204:204:153	#FFFFCC 255:255:204	#FFFF99 255:255:153	#FFFF66 255:255:102	#FFFF33 255:255:51	#FFFF00 255:255:0
#FFCC00 255:204:0	#FFCC66 255:204:102	#FFCC33 255:204:51	#CC9933 204:153:51	#996600 153:102:0	#CC9900 204:153:0	#FF9900 255:153:0	#CC6600 204:102:0	#993300 153:51:0	#CC6633 204:102:51	#663300 102:51:0	#FF9966 255:153:102	#FF6633 255:102:51	#FF9933 255:153:51	#FF6600 255:102:0	#CC3300 204:51:0
#996633 153:102:51	#330000 51:0:0	#663333 102:51:51	#996666 153:102:102	#CC9999 204:153:153	#993333 153:51:51	#CC6666 204:102:102	#FFCCCC 255:204:204	#FF3333 255:51:51	#CC3333 204:51:51	#FF6666 255:102:102	#660000 102:0:0	#990000 153:0:0	#CC0000 204:0:0	#FF0000 255:0:0	#FF3300 255:51:0
#CC9966 204:153:102	#FFCC99 255:204:153	#CCCCCC 204:204:204	#999999 153:153:153	#666666 102:102:102	#333333 51:51:51	#FFFFFF 255:255:255	#000000 0:0:0								

Web safe colors look the most similar on various computer platforms and computer monitors. Back in the day of eight-bit color it was crucial to use web safe colors. Since most modern video drivers support millions of colors the use of web safe colors is now optional. The hexadecimal and decimal RGB values are shown for each color in the palette above.