

html, xhtml, and css: 6th edition


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extras

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CSS Properties and Values

Property/Values	Description and notes
background	for changing the background color and image of elements
any combination of the values for <i>background-attachment</i> , <i>background-color</i> , <i>background-image</i> , <i>background-repeat</i> , and/or <i>background-position</i> , or inherit	initial value depends on individual properties; not inherited; percentages allowed for <i>background-position</i>
background-attachment	for determining if and how background images should scroll
either scroll , fixed , or inherit	initial value: scroll ; not inherited
background-color	for setting just the background color of an element
either a color, transparent , or inherit	initial value: transparent ; not inherited
background-image	for setting just the background image of an element
either a URL, none , or inherit	initial value: none ; not inherited
background-position	for setting the physical position of a specified background image
either one or two percentages or lengths (or one percentage and one length) or one of top , center , or bottom , and/or one of left , center , or right . Or use inherit .	initial value: 0% 0% , if a single percentage is set, it is used for the horizontal position and the initial value of the vertical is set to 50%, if only one keyword is used, the initial value of the other is center ; applies to block-level and replaced elements: not inherited; percentages refer to the size of the box itself
background-repeat	for determining how and if background images should be tiled
one of repeat , repeat-x , repeat-y , no-repeat , or inherit	initial value: repeat ; not inherited
border	for defining all aspects of a border on all sides of an element
any combination of the values of <i>border-width</i> , <i>border-style</i> , and/or a color, or inherit	initial value depends on individual properties; not inherited
border-color	for setting only the color of the border on one or more sides of an element
from one to four colors, transparent , or inherit	initial value: the element's color property; not inherited
border-spacing	for specifying the amount of space between borders in a table
either one or two lengths or inherit	initial value: 0; may be applied only to table elements; inherited
border-style	for setting only the style of a border on one or more sides of an element
one to four of the following values: none , dotted , dashed , solid , double , groove , ridge , inset , outset , inherit	initial value: none ; not inherited
border-top , border-right , border-	for defining all three border properties at once on only one

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	any combination of a single value each for <i>border-width</i> , <i>border-style</i> , and/or a color, or use inherit .	initial value depends on individual values; not inherited
	border-top-color, border-right-color, border-bottom-color, border-left-color	for defining just the border's color on only one side of an element
	one color or inherit	initial value: the value of the <i>color</i> property; not inherited
	border-top-style, border-right-style, border-bottom-style, border-left-style	for defining just the border's style on only one side of an element
	one of none, dotted, dashed, solid, double, groove, ridge, inset, outset, or inherit	initial value: none ; not inherited
	border-top-width, border-right-width, border-bottom-width, border-left-width	for defining just the border's width on only one side of an element
	one of thin, medium, thick or a length	initial value: medium ; not inherited
	border-width	for defining the border's width on one or more sides of an element
	one to four of the following values: thin, medium, thick or a length	initial value: medium ; not inherited
	clear	for keeping elements from floating on one or both sides of an element
	one of none, left, right, both, or inherit	initial value: none ; may only be applied to block-level elements; not inherited
	bottom	for setting the distance that an element should be offset from its parent element's bottom edge
	either a percentage, length, auto , or inherit	initial value: auto ; not inherited; percentages refer to height of containing block
	color	for setting the foreground color of an element
	a color or inherit	initial value: parent's color, some colors are set by browser; inherited
	cursor	for setting the cursor's shape
	one of auto, crosshair, default, pointer, move, e-resize, ne-resize, nw-resize, n-resize, se-resize, sw-resize, s-resize, w-resize, text, wait, help , a URL, or inherit	initial value: auto ; inherited
	display	for determining how and if an element should be displayed
	one of inline, block, list-item, none, inherit	initial value: inline ; not inherited
	float	for determining on which side of an element other elements are permitted to float
	one of left, right, none, inherit	initial value: none ; may not be applied to positioned elements or generated content; not inherited
	font	for setting at least the font family and size, and optionally the style, variant, weight, and line-height of text
	if desired, any combination of the values for <i>font-style</i> , <i>font-variant</i> and	

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	font-family	for choosing the font family for text
	one or more quotation mark-enclosed font names followed by an optional generic font name, or use inherit	initial value: depends on browser; inherited
	font-size	for setting the size of text
	an absolute size, a relative size, a length, a percentage, or inherit	initial value: medium ; the computed value is inherited; percentages refer to parent element's font size
	font-style	for making text italic
	either normal , italic , oblique , or inherit	initial value: normal ; inherited
	font-variant	for setting text in small caps
	either normal , small-caps , or inherit	initial value: normal ; inherited
	font-weight	for applying, removing, and adjusting bold formatting
	either normal , bold , bolder , lighter , 100 , 200 , 300 , 400 , 500 , 600 , 700 , 800 , 900 , or inherit	initial value: normal ; the numeric values are considered keywords and not integers (you can't choose 150, for example); inherited
	height	for setting the height of an element
	either a length, percentage, auto , or inherit	initial value: auto ; may be applied to all elements except non-replaced inline elements, table columns, and column groups; not inherited
	left	for setting the distance that an element should be offset from its parent element's left edge
	either a length, percentage, auto , or inherit	initial value: auto ; may only be applied to positioned elements; not inherited; percentages refer to width of containing block
	letter-spacing	for setting the amount of space between letters
	either normal , a length, or inherit	initial value: normal ; inherited
	line-height	for setting the amount of space between lines of text
	either normal , a number, a length, a percentage, or inherit	initial value: normal ; inherited; percentages refer to the font size of the element itself
	list-style	for setting a list's marker (regular or custom) and its position
	any combination of the values for <i>list-style-type</i> , <i>list-style-position</i> and/or <i>list-style-image</i> , or use inherit	initial value depends on initial values of individual elements; may only be applied to list elements; inherited
	list-style-image	for designating a custom marker for a list
	either a URL, none , or inherit	initial value: none ; may only be applied to list elements; overrides list-style-type ; inherited
	list-style-position	for determining the position of a list's marker
	either inside , outside , or inherit	initial value: outside ; may only be applied to list elements; inherited
	list-style-type	for setting a list's marker

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	margin	for setting the amount of space between one or more sides of an element's border and its parent element
	one to four of the following: length , percentage , or auto , or inherit	initial value depends on browser and on value of width ; not inherited; percentages refer to width of containing block
	margin-top , margin-right , margin-bottom , margin-left	for setting the amount of space between only one side of an element's border and its parent element
	either a length, percentage, auto , or inherit	initial value: 0 ; not inherited; percentages refer to width of containing block; the values for margin-right and margin-left may be overridden if sum of width , margin-right , and margin-left are larger than parent element's containing block
	marks	for printing crop marks and/or cross marks
	either crop , cross or both, or use none or inherit	initial value: none; can only be applied in a @page rule
	max-height , max-width	for setting the maximum height and/or width of an element, respectively
	either a length, percentage, none , or inherit	initial value: none ; may not be applied to non-replaced inline elements or table elements; not inherited; percentages refer to height/width of containing block
	min-height , min-width	for setting the minimum height and/or width of an element, respectively
	either a length, percentage, or inherit	initial value: 0 ; may not be applied to non-replaced inline elements or table elements; not inherited; percentages refer to height/width of containing block
	orphans	for specifying how many lines of an element may appear alone at the bottom of a page
	either an integer or inherit	initial value: 2; may only be applied to block-level elements; inherited
	overflow	for determining where extra content should go if it does not fit in the element's content area
	either visible , hidden , scroll , auto , or inherit	initial value: visible ; may only be applied to block-level and replaced elements; not inherited
	padding	for specifying the distance between one or more sides of an element's content area and its border
	one to four lengths or percentages, or inherit	initial value depends on browser: not inherited; percentages refer to width of containing block
	padding-top , padding-right , padding-bottom , padding-left	for specifying the distance between one side of an element's content area and its border
	either a length, percentage, or inherit	initial value: 0 ; not inherited; percentages refer to width of containing block
	page	for specifying on which kind of page an element should be printed
	either a page area's name or auto	initial value: auto ; may only be applied to block-level elements; inherited; names are defined with @page rule

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	<div>page-break-inside</div> <div>either avoid, auto, or inherit</div>	for keeping page breaks from dividing an element across pages initial value: auto ; may only be applied to block-level elements; inherited
	<div>position</div> <div>either static, relative, absolute, fixed, or inherit</div>	for determining how an element should be positioned with respect to the document's flow initial value: static ; may not be applied to generated content; not inherited
	<div>right</div> <div>either a length, percentage, auto, or inherit</div>	for setting the distance that an element should be offset from its parent element's right edge initial value: auto ; may only be applied to positioned elements; not inherited; percentages refer to width of containing block
	<div>size</div> <div>either individual lengths for width and height, a single value for both width and height, landscape, portrait, auto, or inherit.</div>	for determining the size of the printing area in a defined page initial value: auto ; may only be used within an @page rule
	<div>table-display</div> <div>one of fixed, auto, or inherit</div>	for choosing the algorithm that should be used to determine the widths of cells initial value: auto ; not inherited
	<div>text-align</div> <div>one of left, right, center, justify, a string, or inherit</div>	for aligning text initial value depends on browser and writing direction; may only be applied to block-level elements; inherited
	<div>text-decoration</div> <div>any combination of underline, overline, line-through, and blink, or none or inherit</div>	for decorating text (mostly with lines) initial value: none ; not inherited
	<div>text-indent</div> <div>either a length, percentage, or inherit</div>	for setting the amount of space the first line of a paragraph should be indented initial value: 0 ; may only be applied to block-level elements; inherited; percentages refer to width of containing block
	<div>text-transform</div> <div>either capitalize, uppercase, lowercase, none, or inherit</div>	for setting the capitalization of an element's text initial value: none ; inherited
	<div>top</div> <div>either a length, percentage, auto, or inherit</div>	for setting the distance that an element should be offset from its parent element's top edge initial value: auto ; may only be applied to positioned elements; not inherited; percentages refer to height of containing block
	<div>vertical-align</div>	for aligning elements vertically

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	visibility	for hiding elements without taking them out of the document's flow
	either visible , hidden , collapse , or inherit	initial value: inherit , which rather makes the fact that it's not inherited a moot point
	white-space	for specifying how white space should be treated
	either normal , pre , nowrap , or inherit	initial value: normal ; may only be applied to block-level elements; inherited
	widows	for specifying how many lines of an element may appear alone at the top of a page
	either an integer or inherit	initial value: 2; may only be applied to block-level elements; inherited
	width	for setting the width of an element
	either a length, percentage, auto , or inherit	initial value: auto ; may not be applied to non-replaced inline elements, table rows, or row groups; not inherited; percentages refer to width of containing block
	word-spacing	for setting the distance between words
	either normal , a length, or inherit	initial value: normal ; inherited
	z-index	for setting the depth of an element with respect to overlapping elements
	either auto , an integer, or inherit	initial value: auto ; may only be applied to positioned elements; not inherited