HTML DOM Style Object

Style object

The Style object represents an individual style statement.

Style Object Properties

Property	Description
alignContent	Sets or returns the alignment between the lines inside a flexible container when the items do not use all available space
alignItems	Sets or returns the alignment for items inside a flexible container
alignSelf	Sets or returns the alignment for selected items inside a flexible container
animation	A shorthand property for all the animation properties below, except the animationPlayState property
animationDelay	Sets or returns when the animation will start
animationDirection	Sets or returns whether or not the animation should play in reverse on alternate cycles
animationDuration	Sets or returns how many seconds or milliseconds an animation takes to complete one cycle

should be played

animationName	Sets or returns a name for the @keyframes animation
animationTimingFunction	Sets or returns the speed curve of the animation
animationPlayState	Sets or returns whether the animation is running or paused
background	Sets or returns all the background properties in one declaration
backgroundAttachment	Sets or returns whether a background-image is fixed or scrolls with the page
backgroundColor	Sets or returns the background-color of an element
backgroundImage	Sets or returns the background-image for an element
backgroundPosition	Sets or returns the starting position of a background-image
backgroundRepeat	Sets or returns how to repeat (tile) a background-image
backgroundClip	Sets or returns the painting area of the background
backgroundOrigin	Sets or returns the positioning area of the background images
backgroundSize	Sets or returns the size of the background image
backfaceVisibility	Sets or returns whether or not an element should be visible when not facing the screen
border	Sets or returns borderWidth, borderStyle, and borderColor in one declaration
borderBottom	Sets or returns all the borderBottom properties in one declaration
borderBottomColor	Sets or returns the color of the bottom border
borderBottomLeftRadius	Sets or returns the shape of the border of the bottom-left corner

borderBottomWidth	Sets or returns the width of the bottom border
borderCollapse	Sets or returns whether the table border should be collapsed into a single border, or not
borderColor	Sets or returns the color of an element's border (can have up to four values)
borderImage	A shorthand property for setting or returning all the borderImage properties
borderImageOutset	Sets or returns the amount by which the border image area extends beyond the border box
borderImageRepeat	Sets or returns whether the image-border should be repeated, rounded or stretched
borderImageSlice	Sets or returns the inward offsets of the image-border
borderImageSource	Sets or returns the image to be used as a border
borderImageWidth	Sets or returns the widths of the image-border
borderLeft	Sets or returns all the borderLeft properties in one declaration
borderLeftColor	Sets or returns the color of the left border
borderLeftStyle	Sets or returns the style of the left border
borderLeftWidth	Sets or returns the width of the left border
borderRadius	A shorthand property for setting or returning all the four borderRadius properties
borderRight	Sets or returns all the borderRight properties in one declaration
borderRightColor	Sets or returns the color of the right border
borderRightStyle	Sets or returns the style of the right border
borderRightWidth	Sets or returns the width of the right border
borderSpacing	Sets or returns the space between cells in a table

	declaration
borderTopColor	Sets or returns the color of the top border
borderTopLeftRadius	Sets or returns the shape of the border of the top-left corner
borderTopRightRadius	Sets or returns the shape of the border of the top-right corner
borderTopStyle	Sets or returns the style of the top border
borderTopWidth	Sets or returns the width of the top border
borderWidth	Sets or returns the width of an element's border (can have up to four values)
bottom	Sets or returns the bottom position of a positioned element
boxDecorationBreak	Sets or returns the behaviour of the background and border of an element at page-break, or, for in-line elements, at line-break.
boxShadow	Attaches one or more drop-shadows to the box
boxSizing	Allows you to define certain elements to fit an area in a certain way
captionSide	Sets or returns the position of the table caption
caretColor	Sets or returns the caret/cursor color of an element
clear	Sets or returns the position of the element relative to floating objects
clip	Sets or returns which part of a positioned element is visible
color	Sets or returns the color of the text
columnCount	Sets or returns the number of columns an element should be divided into
columnFill	Sets or returns how to fill columns

columnRuleColor	Sets or returns the color of the rule between columns
columnRuleStyle	Sets or returns the style of the rule between columns
columnRuleWidth	Sets or returns the width of the rule between columns
columns	A shorthand property for setting or returning columnWidth and columnCount
columnSpan	Sets or returns how many columns an element should span across
columnWidth	Sets or returns the width of the columns
content	Used with the :before and :after pseudo-elements, to insert generated content
counterIncrement	Increments one or more counters
counterReset	Creates or resets one or more counters
cursor	Sets or returns the type of cursor to display for the mouse pointer
direction	Sets or returns the text direction
display	Sets or returns an element's display type
emptyCells	Sets or returns whether to show the border and background of empty cells, or not
filter	Sets or returns image filters (visual effects, like blur and saturation)
flex	Sets or returns the length of the item, relative to the rest
flexBasis	Sets or returns the initial length of a flexible item
flexDirection	Sets or returns the direction of the flexible items
flexFlow	A shorthand property for the flexDirection and the flexWrap properties

	rest
flexWrap	Sets or returns whether the flexible items should wrap or not
cssFloat	Sets or returns the horizontal alignment of an element
font	Sets or returns fontStyle, fontVariant, fontWeight, fontSize, lineHeight, and fontFamily in one declaration
fontFamily	Sets or returns the font family for text
fontSize	Sets or returns the font size of the text
fontStyle	Sets or returns whether the style of the font is normal, italic or oblique
fontVariant	Sets or returns whether the font should be displayed in small capital letters
fontWeight	Sets or returns the boldness of the font
fontSizeAdjust	Preserves the readability of text when font fallback occurs
fontStretch	Selects a normal, condensed, or expanded face from a font family
hangingPunctuation	Specifies whether a punctuation character may be placed outside the line box
height	Sets or returns the height of an element
hyphens	Sets how to split words to improve the layout of paragraphs
icon	Provides the author the ability to style an element with an iconic equivalent
imageOrientation	Specifies a rotation in the right or clockwise direction that a user agent applies to an image
isolation	Defines whether an element must create a new stacking content

[left](#)	Sets or returns the left position of a positioned element
[letterSpacing](#)	Sets or returns the space between characters in a text
[lineHeight](#)	Sets or returns the distance between lines in a text
[listStyle](#)	Sets or returns listStyleImage, listStylePosition, and listStyleType in one declaration
[listStyleImage](#)	Sets or returns an image as the list-item marker
[listStylePosition](#)	Sets or returns the position of the list-item marker
[listStyleType](#)	Sets or returns the list-item marker type
[margin](#)	Sets or returns the margins of an element (can have up to four values)
[marginBottom](#)	Sets or returns the bottom margin of an element
[marginLeft](#)	Sets or returns the left margin of an element
[marginRight](#)	Sets or returns the right margin of an element
[marginTop](#)	Sets or returns the top margin of an element
[maxHeight](#)	Sets or returns the maximum height of an element
[maxWidth](#)	Sets or returns the maximum width of an element
[minHeight](#)	Sets or returns the minimum height of an element
[minWidth](#)	Sets or returns the minimum width of an element
navDown	Sets or returns where to navigate when using the arrow-down navigation key
navIndex	Sets or returns the tabbing order for an element
navLeft	Sets or returns where to navigate when using the arrow-left navigation key
navRight	Sets or returns where to navigate when using the arrow-right navigation key

	should be fitted to the box established by its used height and width
objectPosition	Specifies the alignment of the replaced element inside its box
opacity	Sets or returns the opacity level for an element
order	Sets or returns the order of the flexible item, relative to the rest
orphans	Sets or returns the minimum number of lines for an element that must be left at the bottom of a page when a page break occurs inside an element
outline	Sets or returns all the outline properties in one declaration
outlineColor	Sets or returns the color of the outline around a element
outlineOffset	Offsets an outline, and draws it beyond the border edge
outlineStyle	Sets or returns the style of the outline around an element
outlineWidth	Sets or returns the width of the outline around an element
overflow	Sets or returns what to do with content that renders outside the element box
overflowX	Specifies what to do with the left/right edges of the content, if it overflows the element's content area
overflowY	Specifies what to do with the top/bottom edges of the content, if it overflows the element's content area
padding	Sets or returns the padding of an element (can have up to four values)
paddingBottom	Sets or returns the bottom padding of an element
paddingLeft	Sets or returns the left padding of an element

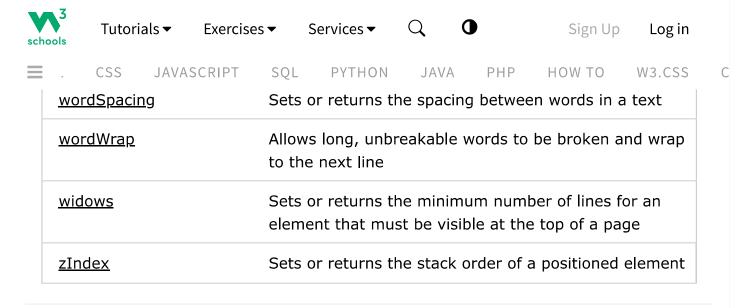|	
pageBreakAfter	Sets or returns the page-break behavior after an element
pageBreakBefore	Sets or returns the page-break behavior before an element
pageBreakInside	Sets or returns the page-break behavior inside an element
perspective	Sets or returns the perspective on how 3D elements are viewed
perspectiveOrigin	Sets or returns the bottom position of 3D elements
position	Sets or returns the type of positioning method used for an element (static, relative, absolute or fixed)
quotes	Sets or returns the type of quotation marks for embedded quotations
resize	Sets or returns whether or not an element is resizable by the user
right	Sets or returns the right position of a positioned element
scrollBehavior	Specifies whether to smoothly animate the scroll position, instead of a straight jump, when the user clicks on a link within a scrollable boxt
tableLayout	Sets or returns the way to lay out table cells, rows, and columns
tabSize	Sets or returns the length of the tab-character
textAlign	Sets or returns the horizontal alignment of text
textAlignLast	Sets or returns how the last line of a block or a line right before a forced line break is aligned when text-align is "justify"
textDecoration	Sets or returns the decoration of a text
textDecorationColor	Sets or returns the color of the text-decoration
textDecorationLine	Sets or returns the type of line in a text-decoration

textJustify	Sets or returns the justification method used when text-align is "justify"
textOverflow	Sets or returns what should happen when text overflows the containing element
textShadow	Sets or returns the shadow effect of a text
textTransform	Sets or returns the capitalization of a text
top	Sets or returns the top position of a positioned element
transform	Applies a 2D or 3D transformation to an element
transformOrigin	Sets or returns the position of transformed elements
transformStyle	Sets or returns how nested elements are rendered in 3D space
transition	A shorthand property for setting or returning the four transition properties
transitionProperty	Sets or returns the CSS property that the transition effect is for
transitionDuration	Sets or returns how many seconds or milliseconds a transition effect takes to complete
transitionTimingFunction	Sets or returns the speed curve of the transition effect
transitionDelay	Sets or returns when the transition effect will start
unicodeBidi	Sets or returns whether the text should be overridden to support multiple languages in the same document
userSelect	Sets or returns whether the text of an element can be selected or not
verticalAlign	Sets or returns the vertical alignment of the content in an element
visibility	Sets or returns whether an element should be visible
whiteSpace	Sets or returns how to handle tabs, line breaks and whitespace in a text

wordSpacing	Sets or returns the spacing between words in a text
wordWrap	Allows long, unbreakable words to be broken and wrap to the next line
widows	Sets or returns the minimum number of lines for an element that must be visible at the top of a page
zIndex	Sets or returns the stack order of a positioned element

Access a Style Object

The Style object can be accessed from the head section of the document, or from specific HTML element(s).

Accessing style object(s) from the head section of the document:

Example

```
var x = document.getElementsByTagName("STYLE");
```

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Accessing a specified element's style object:

Example

```
var x = document.getElementById("myH1").style;
```

Try it Yourself »

Create a Style Object

Example

```
var x = document.createElement("STYLE");
```

Try it Yourself »

You can also set the style properties of an existing element:

Example

```
document.getElementById("myH1").style.color = "red";
```

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