**DOM HTML de JavaScript**

Cuando se carga una página web, el navegador crea una D DOCUMENTO Object M odelo de la página.

El modelo HTML DOM se construye como un árbol de objetos :



**¿Qué puede hacer JavaScript con los elementos del DOM?**

* Cambiar todos los elementos HTML de la página.
* Cambiar todos los atributos HTML en la página
* Cambiar todos los estilos CSS de la página.
* Eliminar elementos y atributos HTML existentes
* Agregar nuevos elementos y atributos HTML
* Reaccionar a todos los eventos HTML existentes en la página.
* Crear nuevos eventos HTML en la página.

**¿Qué es HTML DOM?**

HTML DOM es un modelo de objetos estándar y una interfaz de programación para HTML. Se define:

* Los elementos HTML como objetos
* Las propiedades de todos los elementos HTML
* Los métodos para acceder a todos los elementos HTML
* Los eventos para todos los elementos HTML

En otras palabras: HTML DOM es un estándar sobre cómo obtener, cambiar, agregar o eliminar elementos HTML.

**DOM Style**

El Style object representa una declaración de estilo individual.

**Propiedades del style object**

La columna "CSS" indica en qué versión de CSS está definida la propiedad (CSS1, CSS2 o CSS3).

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| --- | --- | --- |
| **Property** | **Description** | **CSS** |
| [alignContent](https://www.w3schools.com/jsref/prop_style_aligncontent.asp) | Sets or returns the alignment between the lines inside a flexible container when the items do not use all available space | 3 |
| [alignItems](https://www.w3schools.com/jsref/prop_style_alignitems.asp) | Sets or returns the alignment for items inside a flexible container | 3 |
| [alignSelf](https://www.w3schools.com/jsref/prop_style_alignself.asp) | Sets or returns the alignment for selected items inside a flexible container | 3 |
| [animation](https://www.w3schools.com/jsref/prop_style_animation.asp) | A shorthand property for all the animation properties below, except the animationPlayState property | 3 |
| [animationDelay](https://www.w3schools.com/jsref/prop_style_animationdelay.asp) | Sets or returns when the animation will start | 3 |
| [animationDirection](https://www.w3schools.com/jsref/prop_style_animationdirection.asp) | Sets or returns whether or not the animation should play in reverse on alternate cycles | 3 |
| [animationDuration](https://www.w3schools.com/jsref/prop_style_animationduration.asp) | Sets or returns how many seconds or milliseconds an animation takes to complete one cycle | 3 |
| [animationFillMode](https://www.w3schools.com/jsref/prop_style_animationfillmode.asp) | Sets or returns what values are applied by the animation outside the time it is executing | 3 |
| [animationIterationCount](https://www.w3schools.com/jsref/prop_style_animationiterationcount.asp) | Sets or returns the number of times an animation should be played | 3 |
| [animationName](https://www.w3schools.com/jsref/prop_style_animationname.asp) | Sets or returns a name for the @keyframes animation | 3 |
| [animationTimingFunction](https://www.w3schools.com/jsref/prop_style_animationtimingfunction.asp) | Sets or returns the speed curve of the animation | 3 |
| [animationPlayState](https://www.w3schools.com/jsref/prop_style_animationplaystate.asp) | Sets or returns whether the animation is running or paused | 3 |
| [background](https://www.w3schools.com/jsref/prop_style_background.asp) | Sets or returns all the background properties in one declaration | 1 |
| [backgroundAttachment](https://www.w3schools.com/jsref/prop_style_backgroundattachment.asp) | Sets or returns whether a background-image is fixed or scrolls with the page | 1 |
| [backgroundColor](https://www.w3schools.com/jsref/prop_style_backgroundcolor.asp) | Sets or returns the background-color of an element | 1 |
| [backgroundImage](https://www.w3schools.com/jsref/prop_style_backgroundimage.asp) | Sets or returns the background-image for an element | 1 |
| [backgroundPosition](https://www.w3schools.com/jsref/prop_style_backgroundposition.asp) | Sets or returns the starting position of a background-image | 1 |
| [backgroundRepeat](https://www.w3schools.com/jsref/prop_style_backgroundrepeat.asp) | Sets or returns how to repeat (tile) a background-image | 1 |
| [backgroundClip](https://www.w3schools.com/jsref/prop_style_backgroundclip.asp) | Sets or returns the painting area of the background | 3 |
| [backgroundOrigin](https://www.w3schools.com/jsref/prop_style_backgroundorigin.asp) | Sets or returns the positioning area of the background images | 3 |
| [backgroundSize](https://www.w3schools.com/jsref/prop_style_backgroundsize.asp) | Sets or returns the size of the background image | 3 |
| [backfaceVisibility](https://www.w3schools.com/jsref/prop_style_backfacevisibility.asp) | Sets or returns whether or not an element should be visible when not facing the screen | 3 |
| [border](https://www.w3schools.com/jsref/prop_style_border.asp) | Sets or returns borderWidth, borderStyle, and borderColor in one declaration | 1 |
| [borderBottom](https://www.w3schools.com/jsref/prop_style_borderbottom.asp) | Sets or returns all the borderBottom properties in one declaration | 1 |
| [borderBottomColor](https://www.w3schools.com/jsref/prop_style_borderbottomcolor.asp) | Sets or returns the color of the bottom border | 1 |
| [borderBottomLeftRadius](https://www.w3schools.com/jsref/prop_style_borderbottomleftradius.asp) | Sets or returns the shape of the border of the bottom-left corner | 3 |
| [borderBottomRightRadius](https://www.w3schools.com/jsref/prop_style_borderbottomrightradius.asp) | Sets or returns the shape of the border of the bottom-right corner | 3 |
| [borderBottomStyle](https://www.w3schools.com/jsref/prop_style_borderbottomstyle.asp) | Sets or returns the style of the bottom border | 1 |
| [borderBottomWidth](https://www.w3schools.com/jsref/prop_style_borderbottomwidth.asp) | Sets or returns the width of the bottom border | 1 |
| [borderCollapse](https://www.w3schools.com/jsref/prop_style_bordercollapse.asp) | Sets or returns whether the table border should be collapsed into a single border, or not | 2 |
| [borderColor](https://www.w3schools.com/jsref/prop_style_bordercolor.asp) | Sets or returns the color of an element's border (can have up to four values) | 1 |
| [borderImage](https://www.w3schools.com/jsref/prop_style_borderimage.asp) | A shorthand property for setting or returning all the borderImage properties | 3 |
| [borderImageOutset](https://www.w3schools.com/jsref/prop_style_borderimageoutset.asp) | Sets or returns the amount by which the border image area extends beyond the border box | 3 |
| [borderImageRepeat](https://www.w3schools.com/jsref/prop_style_borderimagerepeat.asp) | Sets or returns whether the image-border should be repeated, rounded or stretched | 3 |
| [borderImageSlice](https://www.w3schools.com/jsref/prop_style_borderimageslice.asp) | Sets or returns the inward offsets of the image-border | 3 |
| [borderImageSource](https://www.w3schools.com/jsref/prop_style_borderimagesource.asp) | Sets or returns the image to be used as a border | 3 |
| [borderImageWidth](https://www.w3schools.com/jsref/prop_style_borderimagewidth.asp) | Sets or returns the widths of the image-border | 3 |
| [borderLeft](https://www.w3schools.com/jsref/prop_style_borderleft.asp) | Sets or returns all the borderLeft properties in one declaration | 1 |
| [borderLeftColor](https://www.w3schools.com/jsref/prop_style_borderleftcolor.asp) | Sets or returns the color of the left border | 1 |
| [borderLeftStyle](https://www.w3schools.com/jsref/prop_style_borderleftstyle.asp) | Sets or returns the style of the left border | 1 |
| [borderLeftWidth](https://www.w3schools.com/jsref/prop_style_borderleftwidth.asp) | Sets or returns the width of the left border | 1 |
| [borderRadius](https://www.w3schools.com/jsref/prop_style_borderradius.asp) | A shorthand property for setting or returning all the four borderRadius properties | 3 |
| [borderRight](https://www.w3schools.com/jsref/prop_style_borderright.asp) | Sets or returns all the borderRight properties in one declaration | 1 |
| [borderRightColor](https://www.w3schools.com/jsref/prop_style_borderrightcolor.asp) | Sets or returns the color of the right border | 1 |
| [borderRightStyle](https://www.w3schools.com/jsref/prop_style_borderrightstyle.asp) | Sets or returns the style of the right border | 1 |
| [borderRightWidth](https://www.w3schools.com/jsref/prop_style_borderrightwidth.asp) | Sets or returns the width of the right border | 1 |
| [borderSpacing](https://www.w3schools.com/jsref/prop_style_borderspacing.asp) | Sets or returns the space between cells in a table | 2 |
| [borderStyle](https://www.w3schools.com/jsref/prop_style_borderstyle.asp) | Sets or returns the style of an element's border (can have up to four values) | 1 |
| [borderTop](https://www.w3schools.com/jsref/prop_style_bordertop.asp) | Sets or returns all the borderTop properties in one declaration | 1 |
| [borderTopColor](https://www.w3schools.com/jsref/prop_style_bordertopcolor.asp) | Sets or returns the color of the top border | 1 |
| [borderTopLeftRadius](https://www.w3schools.com/jsref/prop_style_bordertopleftradius.asp) | Sets or returns the shape of the border of the top-left corner | 3 |
| [borderTopRightRadius](https://www.w3schools.com/jsref/prop_style_bordertoprightradius.asp) | Sets or returns the shape of the border of the top-right corner | 3 |
| [borderTopStyle](https://www.w3schools.com/jsref/prop_style_bordertopstyle.asp) | Sets or returns the style of the top border | 1 |
| [borderTopWidth](https://www.w3schools.com/jsref/prop_style_bordertopwidth.asp) | Sets or returns the width of the top border | 1 |
| [borderWidth](https://www.w3schools.com/jsref/prop_style_borderwidth.asp) | Sets or returns the width of an element's border (can have up to four values) | 1 |
| [bottom](https://www.w3schools.com/jsref/prop_style_bottom.asp) | Sets or returns the bottom position of a positioned element | 2 |
| 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. | 3 |
| [boxShadow](https://www.w3schools.com/jsref/prop_style_boxshadow.asp) | Attaches one or more drop-shadows to the box | 3 |
| [boxSizing](https://www.w3schools.com/jsref/prop_style_boxsizing.asp) | Allows you to define certain elements to fit an area in a certain way | 3 |
| [captionSide](https://www.w3schools.com/jsref/prop_style_captionside.asp) | Sets or returns the position of the table caption | 2 |
| [caretColor](https://www.w3schools.com/jsref/prop_style_caretcolor.asp) | Sets or returns the caret/cursor color of an element | 3 |
| [clear](https://www.w3schools.com/jsref/prop_style_clear.asp) | Sets or returns the position of the element relative to floating objects | 1 |
| [clip](https://www.w3schools.com/jsref/prop_style_clip.asp) | Sets or returns which part of a positioned element is visible | 2 |
| [color](https://www.w3schools.com/jsref/prop_style_color.asp) | Sets or returns the color of the text | 1 |
| [columnCount](https://www.w3schools.com/jsref/prop_style_columncount.asp) | Sets or returns the number of columns an element should be divided into | 3 |
| [columnFill](https://www.w3schools.com/jsref/prop_style_columnfill.asp) | Sets or returns how to fill columns | 3 |
| [columnGap](https://www.w3schools.com/jsref/prop_style_columngap.asp) | Sets or returns the gap between the columns | 3 |
| [columnRule](https://www.w3schools.com/jsref/prop_style_columnrule.asp) | A shorthand property for setting or returning all the columnRule properties | 3 |
| [columnRuleColor](https://www.w3schools.com/jsref/prop_style_columnrulecolor.asp) | Sets or returns the color of the rule between columns | 3 |
| [columnRuleStyle](https://www.w3schools.com/jsref/prop_style_columnrulestyle.asp) | Sets or returns the style of the rule between columns | 3 |
| [columnRuleWidth](https://www.w3schools.com/jsref/prop_style_columnrulewidth.asp) | Sets or returns the width of the rule between columns | 3 |
| [columns](https://www.w3schools.com/jsref/prop_style_columns.asp) | A shorthand property for setting or returning columnWidth and columnCount | 3 |
| [columnSpan](https://www.w3schools.com/jsref/prop_style_columnspan.asp) | Sets or returns how many columns an element should span across | 3 |
| [columnWidth](https://www.w3schools.com/jsref/prop_style_columnwidth.asp) | Sets or returns the width of the columns | 3 |
| content | Used with the :before and :after pseudo-elements, to insert generated content | 2 |
| [counterIncrement](https://www.w3schools.com/jsref/prop_style_counterincrement.asp) | Increments one or more counters | 2 |
| [counterReset](https://www.w3schools.com/jsref/prop_style_counterreset.asp) | Creates or resets one or more counters | 2 |
| [cursor](https://www.w3schools.com/jsref/prop_style_cursor.asp) | Sets or returns the type of cursor to display for the mouse pointer | 2 |
| [direction](https://www.w3schools.com/jsref/prop_style_direction.asp) | Sets or returns the text direction | 2 |
| [display](https://www.w3schools.com/jsref/prop_style_display.asp) | Sets or returns an element's display type | 1 |
| [emptyCells](https://www.w3schools.com/jsref/prop_style_emptycells.asp) | Sets or returns whether to show the border and background of empty cells, or not | 2 |
| [filter](https://www.w3schools.com/jsref/prop_style_filter.asp) | Sets or returns image filters (visual effects, like blur and saturation) | 3 |
| [flex](https://www.w3schools.com/jsref/prop_style_flex.asp) | Sets or returns the length of the item, relative to the rest | 3 |
| [flexBasis](https://www.w3schools.com/jsref/prop_style_flexbasis.asp) | Sets or returns the initial length of a flexible item | 3 |
| [flexDirection](https://www.w3schools.com/jsref/prop_style_flexdirection.asp) | Sets or returns the direction of the flexible items | 3 |
| [flexFlow](https://www.w3schools.com/jsref/prop_style_flexflow.asp) | A shorthand property for the flexDirection and the flexWrap properties | 3 |
| [flexGrow](https://www.w3schools.com/jsref/prop_style_flexgrow.asp) | Sets or returns how much the item will grow relative to the rest | 3 |
| [flexShrink](https://www.w3schools.com/jsref/prop_style_flexshrink.asp) | Sets or returns how the item will shrink relative to the rest | 3 |
| [flexWrap](https://www.w3schools.com/jsref/prop_style_flexwrap.asp) | Sets or returns whether the flexible items should wrap or not | 3 |
| [cssFloat](https://www.w3schools.com/jsref/prop_style_cssfloat.asp) | Sets or returns the horizontal alignment of an element | 1 |
| [font](https://www.w3schools.com/jsref/prop_style_font.asp) | Sets or returns fontStyle, fontVariant, fontWeight, fontSize, lineHeight, and fontFamily in one declaration | 1 |
| [fontFamily](https://www.w3schools.com/jsref/prop_style_fontfamily.asp) | Sets or returns the font family for text | 1 |
| [fontSize](https://www.w3schools.com/jsref/prop_style_fontsize.asp) | Sets or returns the font size of the text | 1 |
| [fontStyle](https://www.w3schools.com/jsref/prop_style_fontstyle.asp) | Sets or returns whether the style of the font is normal, italic or oblique | 1 |
| [fontVariant](https://www.w3schools.com/jsref/prop_style_fontvariant.asp) | Sets or returns whether the font should be displayed in small capital letters | 1 |
| [fontWeight](https://www.w3schools.com/jsref/prop_style_fontweight.asp) | Sets or returns the boldness of the font | 1 |
| [fontSizeAdjust](https://www.w3schools.com/jsref/prop_style_fontsizeadjust.asp) | Preserves the readability of text when font fallback occurs | 3 |
| fontStretch | Selects a normal, condensed, or expanded face from a font family | 3 |
| hangingPunctuation | Specifies whether a punctuation character may be placed outside the line box | 3 |
| [height](https://www.w3schools.com/jsref/prop_style_height.asp) | Sets or returns the height of an element | 1 |
| hyphens | Sets how to split words to improve the layout of paragraphs | 3 |
| icon | Provides the author the ability to style an element with an iconic equivalent | 3 |
| imageOrientation | Specifies a rotation in the right or clockwise direction that a user agent applies to an image | 3 |
| [isolation](https://www.w3schools.com/jsref/prop_style_isolation.asp) | Defines whether an element must create a new stacking content | 3 |
| [justifyContent](https://www.w3schools.com/jsref/prop_style_justifycontent.asp) | Sets or returns the alignment between the items inside a flexible container when the items do not use all available space. | 3 |
| [left](https://www.w3schools.com/jsref/prop_style_left.asp) | Sets or returns the left position of a positioned element | 2 |
| [letterSpacing](https://www.w3schools.com/jsref/prop_style_letterspacing.asp) | Sets or returns the space between characters in a text | 1 |
| [lineHeight](https://www.w3schools.com/jsref/prop_style_lineheight.asp) | Sets or returns the distance between lines in a text | 1 |
| [listStyle](https://www.w3schools.com/jsref/prop_style_liststyle.asp) | Sets or returns listStyleImage, listStylePosition, and listStyleType in one declaration | 1 |
| [listStyleImage](https://www.w3schools.com/jsref/prop_style_liststyleimage.asp) | Sets or returns an image as the list-item marker | 1 |
| [listStylePosition](https://www.w3schools.com/jsref/prop_style_liststyleposition.asp) | Sets or returns the position of the list-item marker | 1 |
| [listStyleType](https://www.w3schools.com/jsref/prop_style_liststyletype.asp) | Sets or returns the list-item marker type | 1 |
| [margin](https://www.w3schools.com/jsref/prop_style_margin.asp) | Sets or returns the margins of an element (can have up to four values) | 1 |
| [marginBottom](https://www.w3schools.com/jsref/prop_style_marginbottom.asp) | Sets or returns the bottom margin of an element | 1 |
| [marginLeft](https://www.w3schools.com/jsref/prop_style_marginleft.asp) | Sets or returns the left margin of an element | 1 |
| [marginRight](https://www.w3schools.com/jsref/prop_style_marginright.asp) | Sets or returns the right margin of an element | 1 |
| [marginTop](https://www.w3schools.com/jsref/prop_style_margintop.asp) | Sets or returns the top margin of an element | 1 |
| [maxHeight](https://www.w3schools.com/jsref/prop_style_maxheight.asp) | Sets or returns the maximum height of an element | 2 |
| [maxWidth](https://www.w3schools.com/jsref/prop_style_maxwidth.asp) | Sets or returns the maximum width of an element | 2 |
| [minHeight](https://www.w3schools.com/jsref/prop_style_minheight.asp) | Sets or returns the minimum height of an element | 2 |
| [minWidth](https://www.w3schools.com/jsref/prop_style_minwidth.asp) | Sets or returns the minimum width of an element | 2 |
| navDown | Sets or returns where to navigate when using the arrow-down navigation key | 3 |
| navIndex | Sets or returns the tabbing order for an element | 3 |
| navLeft | Sets or returns where to navigate when using the arrow-left navigation key | 3 |
| navRight | Sets or returns where to navigate when using the arrow-right navigation key | 3 |
| navUp | Sets or returns where to navigate when using the arrow-up navigation key | 3 |
| [objectFit](https://www.w3schools.com/jsref/prop_style_objectfit.asp) | Specifies how the contents of a replaced element should be fitted to the box established by its used height and width | 3 |
| [objectPosition](https://www.w3schools.com/jsref/prop_style_objectposition.asp) | Specifies the alignment of the replaced element inside its box | 3 |
| [opacity](https://www.w3schools.com/jsref/prop_style_opacity.asp) | Sets or returns the opacity level for an element | 3 |
| [order](https://www.w3schools.com/jsref/prop_style_order.asp) | Sets or returns the order of the flexible item, relative to the rest | 3 |
| [orphans](https://www.w3schools.com/jsref/prop_style_orphans.asp) | 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 | 2 |
| [outline](https://www.w3schools.com/jsref/prop_style_outline.asp) | Sets or returns all the outline properties in one declaration | 2 |
| [outlineColor](https://www.w3schools.com/jsref/prop_style_outlinecolor.asp) | Sets or returns the color of the outline around a element | 2 |
| [outlineOffset](https://www.w3schools.com/jsref/prop_style_outlineoffset.asp) | Offsets an outline, and draws it beyond the border edge | 3 |
| [outlineStyle](https://www.w3schools.com/jsref/prop_style_outlinestyle.asp) | Sets or returns the style of the outline around an element | 2 |
| [outlineWidth](https://www.w3schools.com/jsref/prop_style_outlinewidth.asp) | Sets or returns the width of the outline around an element | 2 |
| [overflow](https://www.w3schools.com/jsref/prop_style_overflow.asp) | Sets or returns what to do with content that renders outside the element box | 2 |
| [overflowX](https://www.w3schools.com/jsref/prop_style_overflowx.asp) | Specifies what to do with the left/right edges of the content, if it overflows the element's content area | 3 |
| [overflowY](https://www.w3schools.com/jsref/prop_style_overflowy.asp) | Specifies what to do with the top/bottom edges of the content, if it overflows the element's content area | 3 |
| [padding](https://www.w3schools.com/jsref/prop_style_padding.asp) | Sets or returns the padding of an element (can have up to four values) | 1 |
| [paddingBottom](https://www.w3schools.com/jsref/prop_style_paddingbottom.asp) | Sets or returns the bottom padding of an element | 1 |
| [paddingLeft](https://www.w3schools.com/jsref/prop_style_paddingleft.asp) | Sets or returns the left padding of an element | 1 |
| [paddingRight](https://www.w3schools.com/jsref/prop_style_paddingright.asp) | Sets or returns the right padding of an element | 1 |
| [paddingTop](https://www.w3schools.com/jsref/prop_style_paddingtop.asp) | Sets or returns the top padding of an element | 1 |
| [pageBreakAfter](https://www.w3schools.com/jsref/prop_style_pagebreakafter.asp) | Sets or returns the page-break behavior after an element | 2 |
| [pageBreakBefore](https://www.w3schools.com/jsref/prop_style_pagebreakbefore.asp) | Sets or returns the page-break behavior before an element | 2 |
| [pageBreakInside](https://www.w3schools.com/jsref/prop_style_pagebreakinside.asp) | Sets or returns the page-break behavior inside an element | 2 |
| [perspective](https://www.w3schools.com/jsref/prop_style_perspective.asp) | Sets or returns the perspective on how 3D elements are viewed | 3 |
| [perspectiveOrigin](https://www.w3schools.com/jsref/prop_style_perspectiveorigin.asp) | Sets or returns the bottom position of 3D elements | 3 |
| [position](https://www.w3schools.com/jsref/prop_style_position.asp) | Sets or returns the type of positioning method used for an element (static, relative, absolute or fixed) | 2 |
| [quotes](https://www.w3schools.com/jsref/prop_style_quotes.asp) | Sets or returns the type of quotation marks for embedded quotations | 2 |
| [resize](https://www.w3schools.com/jsref/prop_style_resize.asp) | Sets or returns whether or not an element is resizable by the user | 3 |
| [right](https://www.w3schools.com/jsref/prop_style_right.asp) | Sets or returns the right position of a positioned element | 2 |
| [scrollBehavior](https://www.w3schools.com/jsref/prop_style_scrollbehavior.asp) | 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](https://www.w3schools.com/jsref/prop_style_tablelayout.asp) | Sets or returns the way to lay out table cells, rows, and columns | 2 |
| [tabSize](https://www.w3schools.com/jsref/prop_style_tabsize.asp) | Sets or returns the length of the tab-character | 3 |
| [textAlign](https://www.w3schools.com/jsref/prop_style_textalign.asp) | Sets or returns the horizontal alignment of text | 1 |
| [textAlignLast](https://www.w3schools.com/jsref/prop_style_textalignlast.asp) | 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" | 3 |
| [textDecoration](https://www.w3schools.com/jsref/prop_style_textdecoration.asp) | Sets or returns the decoration of a text | 1 |
| [textDecorationColor](https://www.w3schools.com/jsref/prop_style_textdecorationcolor.asp) | Sets or returns the color of the text-decoration | 3 |
| [textDecorationLine](https://www.w3schools.com/jsref/prop_style_textdecorationline.asp) | Sets or returns the type of line in a text-decoration | 3 |
| [textDecorationStyle](https://www.w3schools.com/jsref/prop_style_textdecorationstyle.asp) | Sets or returns the style of the line in a text decoration | 3 |
| [textIndent](https://www.w3schools.com/jsref/prop_style_textindent.asp) | Sets or returns the indentation of the first line of text | 1 |
| textJustify | Sets or returns the justification method used when text-align is "justify" | 3 |
| [textOverflow](https://www.w3schools.com/jsref/prop_style_textoverflow.asp) | Sets or returns what should happen when text overflows the containing element | 3 |
| [textShadow](https://www.w3schools.com/jsref/prop_style_textshadow.asp) | Sets or returns the shadow effect of a text | 3 |
| [textTransform](https://www.w3schools.com/jsref/prop_style_texttransform.asp) | Sets or returns the capitalization of a text | 1 |
| [top](https://www.w3schools.com/jsref/prop_style_top.asp) | Sets or returns the top position of a positioned element | 2 |
| [transform](https://www.w3schools.com/jsref/prop_style_transform.asp) | Applies a 2D or 3D transformation to an element | 3 |
| [transformOrigin](https://www.w3schools.com/jsref/prop_style_transformorigin.asp) | Sets or returns the position of transformed elements | 3 |
| [transformStyle](https://www.w3schools.com/jsref/prop_style_transformstyle.asp) | Sets or returns how nested elements are rendered in 3D space | 3 |
| [transition](https://www.w3schools.com/jsref/prop_style_transition.asp) | A shorthand property for setting or returning the four transition properties | 3 |
| [transitionProperty](https://www.w3schools.com/jsref/prop_style_transitionproperty.asp) | Sets or returns the CSS property that the transition effect is for | 3 |
| [transitionDuration](https://www.w3schools.com/jsref/prop_style_transitionduration.asp) | Sets or returns how many seconds or milliseconds a transition effect takes to complete | 3 |
| [transitionTimingFunction](https://www.w3schools.com/jsref/prop_style_transitiontimingfunction.asp) | Sets or returns the speed curve of the transition effect | 3 |
| [transitionDelay](https://www.w3schools.com/jsref/prop_style_transitiondelay.asp) | Sets or returns when the transition effect will start | 3 |
| [unicodeBidi](https://www.w3schools.com/jsref/prop_style_unicodebidi.asp) | Sets or returns whether the text should be overridden to support multiple languages in the same document | 2 |
| [userSelect](https://www.w3schools.com/jsref/prop_style_userselect.asp) | Sets or returns whether the text of an element can be selected or not | 2 |
| [verticalAlign](https://www.w3schools.com/jsref/prop_style_verticalalign.asp) | Sets or returns the vertical alignment of the content in an element | 1 |
| [visibility](https://www.w3schools.com/jsref/prop_style_visibility.asp) | Sets or returns whether an element should be visible | 2 |
| [whiteSpace](https://www.w3schools.com/jsref/prop_style_whitespace.asp) | Sets or returns how to handle tabs, line breaks and whitespace in a text | 1 |
| [width](https://www.w3schools.com/jsref/prop_style_width.asp) | Sets or returns the width of an element | 1 |
| [wordBreak](https://www.w3schools.com/jsref/prop_style_wordbreak.asp) | Sets or returns line breaking rules for non-CJK scripts | 3 |
| [wordSpacing](https://www.w3schools.com/jsref/prop_style_wordspacing.asp) | Sets or returns the spacing between words in a text | 1 |
| [wordWrap](https://www.w3schools.com/jsref/prop_style_wordwrap.asp) | Allows long, unbreakable words to be broken and wrap to the next line | 3 |
| [widows](https://www.w3schools.com/jsref/prop_style_widows.asp) | Sets or returns the minimum number of lines for an element that must be visible at the top of a page | 2 |
| [zIndex](https://www.w3schools.com/jsref/prop_style_zindex.asp) | Sets or returns the stack order of a positioned element | 2 |

**Acceder a un Style object**

Se puede acceder al objeto Estilo desde la sección del encabezado del documento o desde elementos HTML específicos.

**Accediendo a los Style objects desde la sección del encabezado del documento:**

Ejemplo

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

**Accediendo al style object de un elemento especificado:**

Ejemplo

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

**Crear un Style Object**

Puede crear un elemento <style> utilizando el método document.createElement ():

Ejemplo

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

**También puede establecer las propiedades de estilo de un elemento existente:**

Ejemplo

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

**DOM Element**

**El element object**

En el DOM HTML, el Element object representa un elemento HTML, como P, DIV, A, TABLE o cualquier otro elemento HTML.

**Propiedades y métodos**

Las siguientes propiedades y métodos se pueden utilizar en todos los elementos HTML:

|  |  |
| --- | --- |
| **Property / Method** | **Description** |
| [accessKey](https://www.w3schools.com/jsref/prop_html_accesskey.asp) | Sets or returns the accesskey attribute of an element |
| [addEventListener()](https://www.w3schools.com/jsref/met_element_addeventlistener.asp) | Attaches an event handler to the specified element |
| [appendChild()](https://www.w3schools.com/jsref/met_node_appendchild.asp) | Adds a new child node, to an element, as the last child node |
| [attributes](https://www.w3schools.com/jsref/prop_node_attributes.asp) | Returns a NamedNodeMap of an element's attributes |
| [blur()](https://www.w3schools.com/jsref/met_html_blur.asp) | Removes focus from an element |
| [childElementCount](https://www.w3schools.com/jsref/prop_element_childelementcount.asp) | Returns the number of child elements an element has |
| [childNodes](https://www.w3schools.com/jsref/prop_node_childnodes.asp) | Returns a collection of an element's child nodes (including text and comment nodes) |
| [children](https://www.w3schools.com/jsref/prop_element_children.asp) | Returns a collection of an element's child element (excluding text and comment nodes) |
| [classList](https://www.w3schools.com/jsref/prop_element_classlist.asp) | Returns the class name(s) of an element |
| [className](https://www.w3schools.com/jsref/prop_html_classname.asp) | Sets or returns the value of the class attribute of an element |
| [click()](https://www.w3schools.com/jsref/met_html_click.asp) | Simulates a mouse-click on an element |
| [clientHeight](https://www.w3schools.com/jsref/prop_element_clientheight.asp) | Returns the height of an element, including padding |
| [clientLeft](https://www.w3schools.com/jsref/prop_element_clientleft.asp) | Returns the width of the left border of an element |
| [clientTop](https://www.w3schools.com/jsref/prop_element_clienttop.asp) | Returns the width of the top border of an element |
| [clientWidth](https://www.w3schools.com/jsref/prop_element_clientwidth.asp) | Returns the width of an element, including padding |
| [cloneNode()](https://www.w3schools.com/jsref/met_node_clonenode.asp) | Clones an element |
| [closest()](https://www.w3schools.com/jsref/met_element_closest.asp) | Searches up the DOM tree for the closest element which matches a specified CSS selector |
| [compareDocumentPosition()](https://www.w3schools.com/jsref/met_node_comparedocumentposition.asp) | Compares the document position of two elements |
| [contains()](https://www.w3schools.com/jsref/met_node_contains.asp) | Returns true if a node is a descendant of a node, otherwise false |
| [contentEditable](https://www.w3schools.com/jsref/prop_html_contenteditable.asp) | Sets or returns whether the content of an element is editable or not |
| [dir](https://www.w3schools.com/jsref/prop_html_dir.asp) | Sets or returns the value of the dir attribute of an element |
| [exitFullscreen()](https://www.w3schools.com/jsref/met_element_exitfullscreen.asp) | Cancels an element in fullscreen mode |
| [firstChild](https://www.w3schools.com/jsref/prop_node_firstchild.asp) | Returns the first child node of an element |
| [firstElementChild](https://www.w3schools.com/jsref/prop_element_firstelementchild.asp) | Returns the first child element of an element |
| [focus()](https://www.w3schools.com/jsref/met_html_focus.asp) | Gives focus to an element |
| [getAttribute()](https://www.w3schools.com/jsref/met_element_getattribute.asp) | Returns the specified attribute value of an element node |
| [getAttributeNode()](https://www.w3schools.com/jsref/met_element_getattributenode.asp) | Returns the specified attribute node |
| [getBoundingClientRect()](https://www.w3schools.com/jsref/met_element_getboundingclientrect.asp) | Returns the size of an element and its position relative to the viewport |
| [getElementsByClassName()](https://www.w3schools.com/jsref/met_element_getelementsbyclassname.asp) | Returns a collection of all child elements with the specified class name |
| [getElementsByTagName()](https://www.w3schools.com/jsref/met_element_getelementsbytagname.asp) | Returns a collection of all child elements with the specified tag name |
| [hasAttribute()](https://www.w3schools.com/jsref/met_element_hasattribute.asp) | Returns true if an element has the specified attribute, otherwise false |
| [hasAttributes()](https://www.w3schools.com/jsref/met_node_hasattributes.asp) | Returns true if an element has any attributes, otherwise false |
| [hasChildNodes()](https://www.w3schools.com/jsref/met_node_haschildnodes.asp) | Returns true if an element has any child nodes, otherwise false |
| [id](https://www.w3schools.com/jsref/prop_html_id.asp) | Sets or returns the value of the id attribute of an element |
| [innerHTML](https://www.w3schools.com/jsref/prop_html_innerhtml.asp) | Sets or returns the content of an element |
| [innerText](https://www.w3schools.com/jsref/prop_node_innertext.asp) | Sets or returns the text content of a node and its descendants |
| [insertAdjacentElement()](https://www.w3schools.com/jsref/met_node_insertadjacentelement.asp) | Inserts a HTML element at the specified position relative to the current element |
| [insertAdjacentHTML()](https://www.w3schools.com/jsref/met_node_insertadjacenthtml.asp) | Inserts a HTML formatted text at the specified position relative to the current element |
| [insertAdjacentText()](https://www.w3schools.com/jsref/met_node_insertadjacenttext.asp) | Inserts text into the specified position relative to the current element |
| [insertBefore()](https://www.w3schools.com/jsref/met_node_insertbefore.asp) | Inserts a new child node before a specified, existing, child node |
| [isContentEditable](https://www.w3schools.com/jsref/prop_html_iscontenteditable.asp) | Returns true if the content of an element is editable, otherwise false |
| [isDefaultNamespace()](https://www.w3schools.com/jsref/met_node_isdefaultnamespace.asp) | Returns true if a specified namespaceURI is the default, otherwise false |
| [isEqualNode()](https://www.w3schools.com/jsref/met_node_isequalnode.asp) | Checks if two elements are equal |
| [isSameNode()](https://www.w3schools.com/jsref/met_node_issamenode.asp) | Checks if two elements are the same node |
| [isSupported()](https://www.w3schools.com/jsref/met_node_issupported.asp) | Returns true if a specified feature is supported on the element |
| [lang](https://www.w3schools.com/jsref/prop_html_lang.asp) | Sets or returns the value of the lang attribute of an element |
| [lastChild](https://www.w3schools.com/jsref/prop_node_lastchild.asp) | Returns the last child node of an element |
| [lastElementChild](https://www.w3schools.com/jsref/prop_element_lastelementchild.asp) | Returns the last child element of an element |
| [matches()](https://www.w3schools.com/jsref/met_element_matches.asp) | Returns a Boolean value indicating whether an element is matched by a specific CSS selector or not |
| [namespaceURI](https://www.w3schools.com/jsref/prop_node_namespaceuri.asp) | Returns the namespace URI of an element |
| [nextSibling](https://www.w3schools.com/jsref/prop_node_nextsibling.asp) | Returns the next node at the same node tree level |
| [nextElementSibling](https://www.w3schools.com/jsref/prop_element_nextelementsibling.asp) | Returns the next element at the same node tree level |
| [nodeName](https://www.w3schools.com/jsref/prop_node_nodename.asp) | Returns the name of a node |
| [nodeType](https://www.w3schools.com/jsref/prop_node_nodetype.asp) | Returns the node type of a node |
| [nodeValue](https://www.w3schools.com/jsref/prop_node_nodevalue.asp) | Sets or returns the value of a node |
| [normalize()](https://www.w3schools.com/jsref/met_node_normalize.asp) | Joins adjacent text nodes and removes empty text nodes in an element |
| [offsetHeight](https://www.w3schools.com/jsref/prop_element_offsetheight.asp) | Returns the height of an element, including padding, border and scrollbar |
| [offsetWidth](https://www.w3schools.com/jsref/prop_element_offsetwidth.asp) | Returns the width of an element, including padding, border and scrollbar |
| [offsetLeft](https://www.w3schools.com/jsref/prop_element_offsetleft.asp) | Returns the horizontal offset position of an element |
| [offsetParent](https://www.w3schools.com/jsref/prop_element_offsetparent.asp) | Returns the offset container of an element |
| [offsetTop](https://www.w3schools.com/jsref/prop_element_offsettop.asp) | Returns the vertical offset position of an element |
| [outerHTML](https://www.w3schools.com/jsref/prop_html_outerhtml.asp) | Sets or returns the content of an element (including the start tag and the end tag) |
| [outerText](https://www.w3schools.com/jsref/prop_node_outertext.asp) | Sets or returns the outer text content of a node and its descendants |
| [ownerDocument](https://www.w3schools.com/jsref/prop_node_ownerdocument.asp) | Returns the root element (document object) for an element |
| [parentNode](https://www.w3schools.com/jsref/prop_node_parentnode.asp) | Returns the parent node of an element |
| [parentElement](https://www.w3schools.com/jsref/prop_node_parentelement.asp) | Returns the parent element node of an element |
| [previousSibling](https://www.w3schools.com/jsref/prop_node_previoussibling.asp) | Returns the previous node at the same node tree level |
| [previousElementSibling](https://www.w3schools.com/jsref/prop_element_previouselementsibling.asp) | Returns the previous element at the same node tree level |
| [querySelector()](https://www.w3schools.com/jsref/met_element_queryselector.asp) | Returns the first child element that matches a specified CSS selector(s) of an element |
| [querySelectorAll()](https://www.w3schools.com/jsref/met_element_queryselectorall.asp) | Returns all child elements that matches a specified CSS selector(s) of an element |
| [remove()](https://www.w3schools.com/jsref/met_element_remove.asp) | Removes the element from the DOM |
| [removeAttribute()](https://www.w3schools.com/jsref/met_element_removeattribute.asp) | Removes a specified attribute from an element |
| [removeAttributeNode()](https://www.w3schools.com/jsref/met_element_removeattributenode.asp) | Removes a specified attribute node, and returns the removed node |
| [removeChild()](https://www.w3schools.com/jsref/met_node_removechild.asp) | Removes a child node from an element |
| [removeEventListener()](https://www.w3schools.com/jsref/met_element_removeeventlistener.asp) | Removes an event handler that has been attached with the addEventListener() method |
| [replaceChild()](https://www.w3schools.com/jsref/met_node_replacechild.asp) | Replaces a child node in an element |
| [requestFullscreen()](https://www.w3schools.com/jsref/met_element_requestfullscreen.asp) | Shows an element in fullscreen mode |
| [scrollHeight](https://www.w3schools.com/jsref/prop_element_scrollheight.asp) | Returns the entire height of an element, including padding |
| [scrollIntoView()](https://www.w3schools.com/jsref/met_element_scrollintoview.asp) | Scrolls the specified element into the visible area of the browser window |
| [scrollLeft](https://www.w3schools.com/jsref/prop_element_scrollleft.asp) | Sets or returns the number of pixels an element's content is scrolled horizontally |
| [scrollTop](https://www.w3schools.com/jsref/prop_element_scrolltop.asp) | Sets or returns the number of pixels an element's content is scrolled vertically |
| [scrollWidth](https://www.w3schools.com/jsref/prop_element_scrollwidth.asp) | Returns the entire width of an element, including padding |
| [setAttribute()](https://www.w3schools.com/jsref/met_element_setattribute.asp) | Sets or changes the specified attribute, to the specified value |
| [setAttributeNode()](https://www.w3schools.com/jsref/met_element_setattributenode.asp) | Sets or changes the specified attribute node |
| [style](https://www.w3schools.com/jsref/prop_html_style.asp) | Sets or returns the value of the style attribute of an element |
| [tabIndex](https://www.w3schools.com/jsref/prop_html_tabindex.asp) | Sets or returns the value of the tabindex attribute of an element |
| [tagName](https://www.w3schools.com/jsref/prop_element_tagname.asp) | Returns the tag name of an element |
| [textContent](https://www.w3schools.com/jsref/prop_node_textcontent.asp) | Sets or returns the textual content of a node and its descendants |
| [title](https://www.w3schools.com/jsref/prop_html_title.asp) | Sets or returns the value of the title attribute of an element |
| toString() | Converts an element to a string |

**DOM Document**

**El document object**

Cuando un documento HTML se carga en un navegador web, se convierte en un objeto de documento .

El document object es el nodo raíz del documento HTML.

**Propiedades y métodos del objeto de documento**

Las siguientes propiedades y métodos se pueden utilizar en documentos HTML:

|  |  |
| --- | --- |
| **Property / Method** | **Description** |
| [activeElement](https://www.w3schools.com/jsref/prop_document_activeelement.asp) | Returns the currently focused element in the document |
| [addEventListener()](https://www.w3schools.com/jsref/met_document_addeventlistener.asp) | Attaches an event handler to the document |
| [adoptNode()](https://www.w3schools.com/jsref/met_document_adoptnode.asp) | Adopts a node from another document |
| [anchors](https://www.w3schools.com/jsref/coll_doc_anchors.asp) | Returns a collection of all <a> elements in the document that have a name attribute |
| [applets](https://www.w3schools.com/jsref/coll_doc_applets.asp) | Returns a collection of all <applet> elements in the document |
| [baseURI](https://www.w3schools.com/jsref/prop_doc_baseuri.asp) | Returns the absolute base URI of a document |
| [body](https://www.w3schools.com/jsref/prop_doc_body.asp) | Sets or returns the document's body (the <body> element) |
| [close()](https://www.w3schools.com/jsref/met_doc_close.asp) | Closes the output stream previously opened with document.open() |
| [cookie](https://www.w3schools.com/jsref/prop_doc_cookie.asp) | Returns all name/value pairs of cookies in the document |
| [charset](https://www.w3schools.com/jsref/prop_document_characterset.asp) | Deprecated. Use [characterSet](https://www.w3schools.com/jsref/prop_document_characterset.asp) instead. Returns the character encoding for the document |
| [characterSet](https://www.w3schools.com/jsref/prop_document_characterset.asp) | Returns the character encoding for the document |
| [createAttribute()](https://www.w3schools.com/jsref/met_document_createattribute.asp) | Creates an attribute node |
| [createComment()](https://www.w3schools.com/jsref/met_document_createcomment.asp) | Creates a Comment node with the specified text |
| [createDocumentFragment()](https://www.w3schools.com/jsref/met_document_createdocumentfragment.asp) | Creates an empty DocumentFragment node |
| [createElement()](https://www.w3schools.com/jsref/met_document_createelement.asp) | Creates an Element node |
| [createEvent()](https://www.w3schools.com/jsref/event_createevent.asp) | Creates a new event |
| [createTextNode()](https://www.w3schools.com/jsref/met_document_createtextnode.asp) | Creates a Text node |
| [defaultView](https://www.w3schools.com/jsref/prop_document_defaultview.asp) | Returns the window object associated with a document, or null if none is available. |
| [designMode](https://www.w3schools.com/jsref/prop_document_designmode.asp) | Controls whether the entire document should be editable or not. |
| [doctype](https://www.w3schools.com/jsref/prop_document_doctype.asp) | Returns the Document Type Declaration associated with the document |
| [documentElement](https://www.w3schools.com/jsref/prop_document_documentelement.asp) | Returns the Document Element of the document (the <html> element) |
| [documentMode](https://www.w3schools.com/jsref/prop_doc_documentmode.asp) | Returns the mode used by the browser to render the document |
| [documentURI](https://www.w3schools.com/jsref/prop_document_documenturi.asp) | Sets or returns the location of the document |
| [domain](https://www.w3schools.com/jsref/prop_doc_domain.asp) | Returns the domain name of the server that loaded the document |
| domConfig | Obsolete. Returns the DOM configuration of the document |
| [embeds](https://www.w3schools.com/jsref/coll_doc_embeds.asp) | Returns a collection of all <embed> elements the document |
| [execCommand()](https://www.w3schools.com/jsref/met_document_execcommand.asp) | Invokes the specified clipboard operation on the element currently having focus. |
| [forms](https://www.w3schools.com/jsref/coll_doc_forms.asp) | Returns a collection of all <form> elements in the document |
| [fullscreenElement](https://www.w3schools.com/jsref/prop_document_fullscreenelement.asp) | Returns the current element that is displayed in fullscreen mode |
| [fullscreenEnabled()](https://www.w3schools.com/jsref/met_document_fullscreenenabled.asp) | Returns a Boolean value indicating whether the document can be viewed in fullscreen mode |
| [getElementById()](https://www.w3schools.com/jsref/met_document_getelementbyid.asp) | Returns the element that has the ID attribute with the specified value |
| [getElementsByClassName()](https://www.w3schools.com/jsref/met_document_getelementsbyclassname.asp) | Returns a HTMLCollection containing all elements with the specified class name |
| [getElementsByName()](https://www.w3schools.com/jsref/met_doc_getelementsbyname.asp) | Returns a HTMLCollection containing all elements with a specified name |
| [getElementsByTagName()](https://www.w3schools.com/jsref/met_document_getelementsbytagname.asp) | Returns a HTMLCollection containing all elements with the specified tag name |
| [hasFocus()](https://www.w3schools.com/jsref/met_document_hasfocus.asp) | Returns a Boolean value indicating whether the document has focus |
| [head](https://www.w3schools.com/jsref/prop_doc_head.asp) | Returns the <head> element of the document |
| [images](https://www.w3schools.com/jsref/coll_doc_images.asp) | Returns a collection of all <img> elements in the document |
| [implementation](https://www.w3schools.com/jsref/prop_document_implementation.asp) | Returns the DOMImplementation object that handles this document |
| [importNode()](https://www.w3schools.com/jsref/met_document_importnode.asp) | Imports a node from another document |
| [inputEncoding](https://www.w3schools.com/jsref/prop_document_inputencoding.asp) | Returns the encoding, character set, used for the document |
| [lastModified](https://www.w3schools.com/jsref/prop_doc_lastmodified.asp) | Returns the date and time the document was last modified |
| [links](https://www.w3schools.com/jsref/coll_doc_links.asp) | Returns a collection of all <a> and <area> elements in the document that have a href attribute |
| [normalize()](https://www.w3schools.com/jsref/met_document_normalize.asp) | Removes empty Text nodes, and joins adjacent nodes |
| [normalizeDocument()](https://www.w3schools.com/jsref/met_document_normalizedocument.asp) | Removes empty Text nodes, and joins adjacent nodes |
| [open()](https://www.w3schools.com/jsref/met_doc_open.asp) | Opens an HTML output stream to collect output from document.write() |
| [querySelector()](https://www.w3schools.com/jsref/met_document_queryselector.asp) | Returns the first element that matches a specified CSS selector(s) in the document |
| [querySelectorAll()](https://www.w3schools.com/jsref/met_document_queryselectorall.asp) | Returns a static NodeList containing all elements that matches a specified CSS selector(s) in the document |
| [readyState](https://www.w3schools.com/jsref/prop_doc_readystate.asp) | Returns the (loading) status of the document |
| [referrer](https://www.w3schools.com/jsref/prop_doc_referrer.asp) | Returns the URL of the document that loaded the current document |
| [removeEventListener()](https://www.w3schools.com/jsref/met_document_removeeventlistener.asp) | Removes an event handler from the document (that has been attached with the [addEventListener()](https://www.w3schools.com/jsref/met_document_addeventlistener.asp) method) |
| [renameNode()](https://www.w3schools.com/jsref/met_document_renamenode.asp) | Renames the specified node |
| [scripts](https://www.w3schools.com/jsref/coll_doc_scripts.asp) | Returns a collection of <script> elements in the document |
| [strictErrorChecking](https://www.w3schools.com/jsref/prop_document_stricterrorchecking.asp) | Sets or returns whether error-checking is enforced or not |
| [title](https://www.w3schools.com/jsref/prop_doc_title.asp) | Sets or returns the title of the document |
| [URL](https://www.w3schools.com/jsref/prop_doc_url.asp) | Returns the full URL of the HTML document |
| [write()](https://www.w3schools.com/jsref/met_doc_write.asp) | Writes HTML expressions or JavaScript code to a document |
| [writeln()](https://www.w3schools.com/jsref/met_doc_writeln.asp) | Same as write(), but adds a newline character after each statement |

**DOM Events (Eventos del DOM)**

HTML DOM permite que JavaScript reaccione a eventos HTML.

**Reaccionar a los eventos**

Un JavaScript se puede ejecutar cuando ocurre un evento, como cuando un usuario hace clic en un elemento HTML.

Para ejecutar código cuando un usuario hace clic en un elemento, agregue código JavaScript a un atributo de evento HTML:

onclick=JavaScript

**Ejemplos de eventos HTML:**

* Cuando un usuario hace clic con el mouse
* Cuando se ha cargado una página web
* Cuando se ha cargado una imagen
* Cuando el mouse se mueve sobre un elemento
* Cuando se cambia un campo de entrada
* Cuando se envía un formulario HTML
* Cuando un usuario pulsa una tecla

En este ejemplo, el contenido del <h1>elemento cambia cuando un usuario hace clic en él:

Ejemplo

<!DOCTYPE html>  
<html>  
<body>  
  
<h1 onclick="this.innerHTML = 'Ooops!'">Click on this text!</h1>  
  
</body>  
</html>

En este ejemplo, se llama a una función desde el controlador de eventos:

Ejemplo

<!DOCTYPE html>  
<html>  
<body>  
  
<h1 onclick="changeText(this)">Click on this text!</h1>  
  
<script>  
function changeText(id) {  
  id.innerHTML = "Ooops!";  
}  
</script>  
  
</body>  
</html>

**Atributos de eventos HTML**

Para asignar eventos a elementos HTML, puede utilizar atributos de evento.

Ejemplo

Asignar un evento onclick a un elemento de botón:

<button onclick="displayDate()">Try it</button>

En el ejemplo anterior, una función nombrada displayDatese ejecutará cuando se haga clic en el botón.

**Asignar eventos usando el DOM HTML**

El DOM HTML le permite asignar eventos a elementos HTML usando JavaScript:

Ejemplo

Asignar un evento onclick a un elemento de botón:

<script>  
document.getElementById("myBtn").onclick = displayDate;  
</script>

En el ejemplo anterior, una función nombrada displayDatese asigna a un elemento HTML con id="myBtn".

La función se ejecutará cuando se haga clic en el botón.

**Los eventos onload y onunload**

Los eventos onloady onunloadse activan cuando el usuario entra o sale de la página.

El onloadevento se puede utilizar para verificar el tipo de navegador del visitante y la versión del navegador, y cargar la versión adecuada de la página web según la información.

Los eventos onloady onunloadse pueden utilizar para tratar las cookies.

Ejemplo

<body onload="checkCookies()">

**El evento onchange**

El onchangeevento se usa a menudo en combinación con la validación de los campos de entrada.

A continuación se muestra un ejemplo de cómo utilizar onchange. La upperCase() función se llamará cuando un usuario cambie el contenido de un campo de entrada.

Ejemplo

<input type="text" id="fname" onchange="upperCase()">

**Los eventos onmouseover y onmouseout**

Los eventos onmouseovery onmouseoutse pueden utilizar para activar una función cuando el usuario pasa el ratón por encima o fuera de un elemento HTML.

**Los eventos onmousedown, onmouseup y onclick**

Las onmousedown, onmouseupy onclicklos acontecimientos son todos partes de un clic del ratón. Primero, cuando se hace clic en un botón del mouse, se activa el evento onmousedown, luego, cuando se suelta el botón del mouse, se activa el evento onmouseup, finalmente, cuando se completa el clic del mouse, se activa el evento onclick.

## **Más ejemplos**

[onmousedown y onmouseup](https://www.w3schools.com/js/tryit.asp?filename=tryjs_event_onmousedown)  
Cambia una imagen cuando un usuario mantiene presionado el botón del mouse.

[onload](https://www.w3schools.com/js/tryit.asp?filename=tryjs_event_onload)  
Muestra un cuadro de alerta cuando la página ha terminado de cargarse.

[onfocus](https://www.w3schools.com/js/tryit.asp?filename=tryjs_event_onfocus)  
Cambia el color de fondo de un campo de entrada cuando se enfoca.

[Eventos del mouse](https://www.w3schools.com/js/tryit.asp?filename=tryjs_event_onmouse)  
Cambia el color de un elemento cuando el cursor se mueve sobre él.

**Eventos DOM HTML**

Los eventos HTML DOM permiten que JavaScript registre diferentes controladores de eventos en elementos de un documento HTML.

Los eventos se usan normalmente en combinación con funciones, y la función no se ejecutará antes de que ocurra el evento (como cuando un usuario hace clic en un botón).

|  |  |  |
| --- | --- | --- |
| **Event** | **Description** | **Belongs To** |
| [abort](https://www.w3schools.com/jsref/event_onabort_media.asp) | The event occurs when the loading of a media is aborted | [UiEvent](https://www.w3schools.com/jsref/obj_uievent.asp), [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [afterprint](https://www.w3schools.com/jsref/event_onafterprint.asp) | The event occurs when a page has started printing, or if the print dialogue box has been closed | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [animationend](https://www.w3schools.com/jsref/event_animationend.asp) | The event occurs when a CSS animation has completed | [AnimationEvent](https://www.w3schools.com/jsref/obj_animationevent.asp) |
| [animationiteration](https://www.w3schools.com/jsref/event_animationiteration.asp) | The event occurs when a CSS animation is repeated | [AnimationEvent](https://www.w3schools.com/jsref/obj_animationevent.asp) |
| [animationstart](https://www.w3schools.com/jsref/event_animationstart.asp) | The event occurs when a CSS animation has started | [AnimationEvent](https://www.w3schools.com/jsref/obj_animationevent.asp) |
| [beforeprint](https://www.w3schools.com/jsref/event_onbeforeprint.asp) | The event occurs when a page is about to be printed | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [beforeunload](https://www.w3schools.com/jsref/event_onbeforeunload.asp) | The event occurs before the document is about to be unloaded | [UiEvent](https://www.w3schools.com/jsref/obj_uievent.asp), [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [blur](https://www.w3schools.com/jsref/event_onblur.asp) | The event occurs when an element loses focus | [FocusEvent](https://www.w3schools.com/jsref/obj_focusevent.asp) |
| [canplay](https://www.w3schools.com/jsref/event_oncanplay.asp) | The event occurs when the browser can start playing the media (when it has buffered enough to begin) | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [canplaythrough](https://www.w3schools.com/jsref/event_oncanplaythrough.asp) | The event occurs when the browser can play through the media without stopping for buffering | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [change](https://www.w3schools.com/jsref/event_onchange.asp) | The event occurs when the content of a form element, the selection, or the checked state have changed (for <input>, <select>, and <textarea>) | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [click](https://www.w3schools.com/jsref/event_onclick.asp) | The event occurs when the user clicks on an element | [MouseEvent](https://www.w3schools.com/jsref/obj_mouseevent.asp) |
| [contextmenu](https://www.w3schools.com/jsref/event_oncontextmenu.asp) | The event occurs when the user right-clicks on an element to open a context menu | [MouseEvent](https://www.w3schools.com/jsref/obj_mouseevent.asp) |
| [copy](https://www.w3schools.com/jsref/event_oncopy.asp) | The event occurs when the user copies the content of an element | [ClipboardEvent](https://www.w3schools.com/jsref/obj_clipboardevent.asp) |
| [cut](https://www.w3schools.com/jsref/event_oncut.asp) | The event occurs when the user cuts the content of an element | [ClipboardEvent](https://www.w3schools.com/jsref/obj_clipboardevent.asp) |
| [dblclick](https://www.w3schools.com/jsref/event_ondblclick.asp) | The event occurs when the user double-clicks on an element | [MouseEvent](https://www.w3schools.com/jsref/obj_mouseevent.asp) |
| [drag](https://www.w3schools.com/jsref/event_ondrag.asp) | The event occurs when an element is being dragged | [DragEvent](https://www.w3schools.com/jsref/obj_dragevent.asp) |
| [dragend](https://www.w3schools.com/jsref/event_ondragend.asp) | The event occurs when the user has finished dragging an element | [DragEvent](https://www.w3schools.com/jsref/obj_dragevent.asp) |
| [dragenter](https://www.w3schools.com/jsref/event_ondragenter.asp) | The event occurs when the dragged element enters the drop target | [DragEvent](https://www.w3schools.com/jsref/obj_dragevent.asp) |
| [dragleave](https://www.w3schools.com/jsref/event_ondragleave.asp) | The event occurs when the dragged element leaves the drop target | [DragEvent](https://www.w3schools.com/jsref/obj_dragevent.asp) |
| [dragover](https://www.w3schools.com/jsref/event_ondragover.asp) | The event occurs when the dragged element is over the drop target | [DragEvent](https://www.w3schools.com/jsref/obj_dragevent.asp) |
| [dragstart](https://www.w3schools.com/jsref/event_ondragstart.asp) | The event occurs when the user starts to drag an element | [DragEvent](https://www.w3schools.com/jsref/obj_dragevent.asp) |
| [drop](https://www.w3schools.com/jsref/event_ondrop.asp) | The event occurs when the dragged element is dropped on the drop target | [DragEvent](https://www.w3schools.com/jsref/obj_dragevent.asp) |
| [durationchange](https://www.w3schools.com/jsref/event_ondurationchange.asp) | The event occurs when the duration of the media is changed | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [ended](https://www.w3schools.com/jsref/event_onended.asp) | The event occurs when the media has reach the end (useful for messages like "thanks for listening") | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [error](https://www.w3schools.com/jsref/event_onerror.asp) | The event occurs when an error occurs while loading an external file | [ProgressEvent](https://www.w3schools.com/jsref/obj_progressevent.asp), [UiEvent](https://www.w3schools.com/jsref/obj_uievent.asp), [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [focus](https://www.w3schools.com/jsref/event_onfocus.asp) | The event occurs when an element gets focus | [FocusEvent](https://www.w3schools.com/jsref/obj_focusevent.asp) |
| [focusin](https://www.w3schools.com/jsref/event_onfocusin.asp) | The event occurs when an element is about to get focus | [FocusEvent](https://www.w3schools.com/jsref/obj_focusevent.asp) |
| [focusout](https://www.w3schools.com/jsref/event_onfocusout.asp) | The event occurs when an element is about to lose focus | [FocusEvent](https://www.w3schools.com/jsref/obj_focusevent.asp) |
| [fullscreenchange](https://www.w3schools.com/jsref/event_fullscreenchange.asp) | The event occurs when an element is displayed in fullscreen mode | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [fullscreenerror](https://www.w3schools.com/jsref/event_fullscreenerror.asp) | The event occurs when an element can not be displayed in fullscreen mode | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [hashchange](https://www.w3schools.com/jsref/event_onhashchange.asp) | The event occurs when there has been changes to the anchor part of a URL | [HashChangeEvent](https://www.w3schools.com/jsref/obj_hashchangeevent.asp) |
| [input](https://www.w3schools.com/jsref/event_oninput.asp) | The event occurs when an element gets user input | [InputEvent](https://www.w3schools.com/jsref/obj_inputevent.asp), [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [invalid](https://www.w3schools.com/jsref/event_oninvalid.asp) | The event occurs when an element is invalid | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [keydown](https://www.w3schools.com/jsref/event_onkeydown.asp) | The event occurs when the user is pressing a key | [KeyboardEvent](https://www.w3schools.com/jsref/obj_keyboardevent.asp) |
| [keypress](https://www.w3schools.com/jsref/event_onkeypress.asp) | The event occurs when the user presses a key | [KeyboardEvent](https://www.w3schools.com/jsref/obj_keyboardevent.asp) |
| [keyup](https://www.w3schools.com/jsref/event_onkeyup.asp) | The event occurs when the user releases a key | [KeyboardEvent](https://www.w3schools.com/jsref/obj_keyboardevent.asp) |
| [load](https://www.w3schools.com/jsref/event_onload.asp) | The event occurs when an object has loaded | [UiEvent](https://www.w3schools.com/jsref/obj_uievent.asp), [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [loadeddata](https://www.w3schools.com/jsref/event_onloadeddata.asp) | The event occurs when media data is loaded | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [loadedmetadata](https://www.w3schools.com/jsref/event_onloadedmetadata.asp) | The event occurs when meta data (like dimensions and duration) are loaded | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [loadstart](https://www.w3schools.com/jsref/event_onloadstart.asp) | The event occurs when the browser starts looking for the specified media | [ProgressEvent](https://www.w3schools.com/jsref/obj_progressevent.asp) |
| [message](https://www.w3schools.com/jsref/event_onmessage_sse.asp) | The event occurs when a message is received through the event source | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [mousedown](https://www.w3schools.com/jsref/event_onmousedown.asp) | The event occurs when the user presses a mouse button over an element | [MouseEvent](https://www.w3schools.com/jsref/obj_mouseevent.asp) |
| [mouseenter](https://www.w3schools.com/jsref/event_onmouseenter.asp) | The event occurs when the pointer is moved onto an element | [MouseEvent](https://www.w3schools.com/jsref/obj_mouseevent.asp) |
| [mouseleave](https://www.w3schools.com/jsref/event_onmouseleave.asp) | The event occurs when the pointer is moved out of an element | [MouseEvent](https://www.w3schools.com/jsref/obj_mouseevent.asp) |
| [mousemove](https://www.w3schools.com/jsref/event_onmousemove.asp) | The event occurs when the pointer is moving while it is over an element | [MouseEvent](https://www.w3schools.com/jsref/obj_mouseevent.asp) |
| [mouseover](https://www.w3schools.com/jsref/event_onmouseover.asp) | The event occurs when the pointer is moved onto an element, or onto one of its children | [MouseEvent](https://www.w3schools.com/jsref/obj_mouseevent.asp) |
| [mouseout](https://www.w3schools.com/jsref/event_onmouseout.asp) | The event occurs when a user moves the mouse pointer out of an element, or out of one of its children | [MouseEvent](https://www.w3schools.com/jsref/obj_mouseevent.asp) |
| [mouseup](https://www.w3schools.com/jsref/event_onmouseup.asp) | The event occurs when a user releases a mouse button over an element | [MouseEvent](https://www.w3schools.com/jsref/obj_mouseevent.asp) |
| mousewheel | Deprecated. Use the [wheel](https://www.w3schools.com/jsref/event_onwheel.asp) event instead | [WheelEvent](https://www.w3schools.com/jsref/obj_wheelevent.asp) |
| [offline](https://www.w3schools.com/jsref/event_onoffline.asp) | The event occurs when the browser starts to work offline | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [online](https://www.w3schools.com/jsref/event_ononline.asp) | The event occurs when the browser starts to work online | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [open](https://www.w3schools.com/jsref/event_onopen_sse.asp) | The event occurs when a connection with the event source is opened | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [pagehide](https://www.w3schools.com/jsref/event_onpagehide.asp) | The event occurs when the user navigates away from a webpage | [PageTransitionEvent](https://www.w3schools.com/jsref/obj_pagetransitionevent.asp) |
| [pageshow](https://www.w3schools.com/jsref/event_onpageshow.asp) | The event occurs when the user navigates to a webpage | [PageTransitionEvent](https://www.w3schools.com/jsref/obj_pagetransitionevent.asp) |
| [paste](https://www.w3schools.com/jsref/event_onpaste.asp) | The event occurs when the user pastes some content in an element | [ClipboardEvent](https://www.w3schools.com/jsref/obj_clipboardevent.asp) |
| [pause](https://www.w3schools.com/jsref/event_onpause.asp) | The event occurs when the media is paused either by the user or programmatically | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [play](https://www.w3schools.com/jsref/event_onplay.asp) | The event occurs when the media has been started or is no longer paused | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [playing](https://www.w3schools.com/jsref/event_onplaying.asp) | The event occurs when the media is playing after having been paused or stopped for buffering | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| popstate | The event occurs when the window's history changes | [PopStateEvent](https://www.w3schools.com/jsref/obj_popstateevent.asp) |
| [progress](https://www.w3schools.com/jsref/event_onprogress.asp) | The event occurs when the browser is in the process of getting the media data (downloading the media) | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [ratechange](https://www.w3schools.com/jsref/event_onratechange.asp) | The event occurs when the playing speed of the media is changed | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [resize](https://www.w3schools.com/jsref/event_onresize.asp) | The event occurs when the document view is resized | [UiEvent](https://www.w3schools.com/jsref/obj_uievent.asp), [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [reset](https://www.w3schools.com/jsref/event_onreset.asp) | The event occurs when a form is reset | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [scroll](https://www.w3schools.com/jsref/event_onscroll.asp) | The event occurs when an element's scrollbar is being scrolled | [UiEvent](https://www.w3schools.com/jsref/obj_uievent.asp), [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [search](https://www.w3schools.com/jsref/event_onsearch.asp) | The event occurs when the user writes something in a search field (for <input="search">) | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [seeked](https://www.w3schools.com/jsref/event_onseeked.asp) | The event occurs when the user is finished moving/skipping to a new position in the media | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [seeking](https://www.w3schools.com/jsref/event_onseeking.asp) | The event occurs when the user starts moving/skipping to a new position in the media | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [select](https://www.w3schools.com/jsref/event_onselect.asp) | The event occurs after the user selects some text (for <input> and <textarea>) | [UiEvent](https://www.w3schools.com/jsref/obj_uievent.asp), [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [show](https://www.w3schools.com/jsref/event_onshow.asp) | The event occurs when a <menu> element is shown as a context menu | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [stalled](https://www.w3schools.com/jsref/event_onstalled.asp) | The event occurs when the browser is trying to get media data, but data is not available | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| storage | The event occurs when a Web Storage area is updated | [StorageEvent](https://www.w3schools.com/jsref/obj_storageevent.asp) |
| [submit](https://www.w3schools.com/jsref/event_onsubmit.asp) | The event occurs when a form is submitted | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [suspend](https://www.w3schools.com/jsref/event_onsuspend.asp) | The event occurs when the browser is intentionally not getting media data | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [timeupdate](https://www.w3schools.com/jsref/event_ontimeupdate.asp) | The event occurs when the playing position has changed (like when the user fast forwards to a different point in the media) | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [toggle](https://www.w3schools.com/jsref/event_ontoggle.asp) | The event occurs when the user opens or closes the <details> element | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [touchcancel](https://www.w3schools.com/jsref/event_touchcancel.asp) | The event occurs when the touch is interrupted | [TouchEvent](https://www.w3schools.com/jsref/obj_touchevent.asp) |
| [touchend](https://www.w3schools.com/jsref/event_touchend.asp) | The event occurs when a finger is removed from a touch screen | [TouchEvent](https://www.w3schools.com/jsref/obj_touchevent.asp) |
| [touchmove](https://www.w3schools.com/jsref/event_touchmove.asp) | The event occurs when a finger is dragged across the screen | [TouchEvent](https://www.w3schools.com/jsref/obj_touchevent.asp) |
| [touchstart](https://www.w3schools.com/jsref/event_touchstart.asp) | The event occurs when a finger is placed on a touch screen | [TouchEvent](https://www.w3schools.com/jsref/obj_touchevent.asp) |
| [transitionend](https://www.w3schools.com/jsref/event_transitionend.asp) | The event occurs when a CSS transition has completed | [TransitionEvent](https://www.w3schools.com/jsref/obj_transitionevent.asp) |
| [unload](https://www.w3schools.com/jsref/event_onunload.asp) | The event occurs once a page has unloaded (for <body>) | [UiEvent](https://www.w3schools.com/jsref/obj_uievent.asp), [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [volumechange](https://www.w3schools.com/jsref/event_onvolumechange.asp) | The event occurs when the volume of the media has changed (includes setting the volume to "mute") | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [waiting](https://www.w3schools.com/jsref/event_onwaiting.asp) | The event occurs when the media has paused but is expected to resume (like when the media pauses to buffer more data) | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [wheel](https://www.w3schools.com/jsref/event_onwheel.asp) | The event occurs when the mouse wheel rolls up or down over an element | [WheelEvent](https://www.w3schools.com/jsref/obj_wheelevent.asp) |

**Propiedades y métodos de eventos DOM de HTML**

|  |  |  |
| --- | --- | --- |
| **Property/Method** | **Description** | **Belongs To** |
| [altKey](https://www.w3schools.com/jsref/event_altkey.asp) | Returns whether the "ALT" key was pressed when the mouse event was triggered | [MouseEvent](https://www.w3schools.com/jsref/obj_mouseevent.asp) |
| [altKey](https://www.w3schools.com/jsref/event_key_altkey.asp) | Returns whether the "ALT" key was pressed when the key event was triggered | [KeyboardEvent](https://www.w3schools.com/jsref/obj_keyboardevent.asp), [TouchEvent](https://www.w3schools.com/jsref/obj_touchevent.asp) |
| [animationName](https://www.w3schools.com/jsref/event_animation_animationName.asp) | Returns the name of the animation | [AnimationEvent](https://www.w3schools.com/jsref/obj_animationevent.asp) |
| [bubbles](https://www.w3schools.com/jsref/event_bubbles.asp) | Returns whether or not a specific event is a bubbling event | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [button](https://www.w3schools.com/jsref/event_button.asp) | Returns which mouse button was pressed when the mouse event was triggered | [MouseEvent](https://www.w3schools.com/jsref/obj_mouseevent.asp) |
| [buttons](https://www.w3schools.com/jsref/event_buttons.asp) | Returns which mouse buttons were pressed when the mouse event was triggered | [MouseEvent](https://www.w3schools.com/jsref/obj_mouseevent.asp) |
| [cancelable](https://www.w3schools.com/jsref/event_cancelable.asp) | Returns whether or not an event can have its default action prevented | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [charCode](https://www.w3schools.com/jsref/event_key_charcode.asp) | Returns the Unicode character code of the key that triggered the onkeypress event | [KeyboardEvent](https://www.w3schools.com/jsref/obj_keyboardevent.asp) |
| changeTouches | Returns a list of all the touch objects whose state changed between the previous touch and this touch | [TouchEvent](https://www.w3schools.com/jsref/obj_touchevent.asp) |
| [clientX](https://www.w3schools.com/jsref/event_clientx.asp) | Returns the horizontal coordinate of the mouse pointer, relative to the current window, when the mouse event was triggered | [MouseEvent](https://www.w3schools.com/jsref/obj_mouseevent.asp), [TouchEvent](https://www.w3schools.com/jsref/obj_touchevent.asp) |
| [clientY](https://www.w3schools.com/jsref/event_clienty.asp) | Returns the vertical coordinate of the mouse pointer, relative to the current window, when the mouse event was triggered | [MouseEvent](https://www.w3schools.com/jsref/obj_mouseevent.asp), [TouchEvent](https://www.w3schools.com/jsref/obj_touchevent.asp) |
| clipboardData | Returns an object containing the data affected by the clipboard operation | [ClipboardData](https://www.w3schools.com/jsref/obj_clipboardevent.asp) |
| [code](https://www.w3schools.com/jsref/event_key_code.asp) | Returns the code of the key that triggered the event | [KeyboardEvent](https://www.w3schools.com/jsref/obj_keyboardevent.asp) |
| composed | Returns whether the event is composed or not | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [createEvent()](https://www.w3schools.com/jsref/event_createevent.asp) | Creates a new event | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [ctrlKey](https://www.w3schools.com/jsref/event_ctrlkey.asp) | Returns whether the "CTRL" key was pressed when the mouse event was triggered | [MouseEvent](https://www.w3schools.com/jsref/obj_mouseevent.asp) |
| [ctrlKey](https://www.w3schools.com/jsref/event_key_ctrlkey.asp) | Returns whether the "CTRL" key was pressed when the key event was triggered | [KeyboardEvent](https://www.w3schools.com/jsref/obj_keyboardevent.asp), [TouchEvent](https://www.w3schools.com/jsref/obj_touchevent.asp) |
| [currentTarget](https://www.w3schools.com/jsref/event_currenttarget.asp) | Returns the element whose event listeners triggered the event | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [data](https://www.w3schools.com/jsref/event_inputevent_data.asp) | Returns the inserted characters | [InputEvent](https://www.w3schools.com/jsref/obj_inputevent.asp) |
| dataTransfer | Returns an object containing the data being dragged/dropped, or inserted/deleted | [DragEvent](https://www.w3schools.com/jsref/obj_dragevent.asp), [InputEvent](https://www.w3schools.com/jsref/obj_inputevent.asp) |
| [defaultPrevented](https://www.w3schools.com/jsref/event_defaultprevented.asp) | Returns whether or not the preventDefault() method was called for the event | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [deltaX](https://www.w3schools.com/jsref/event_wheel_deltax.asp) | Returns the horizontal scroll amount of a mouse wheel (x-axis) | [WheelEvent](https://www.w3schools.com/jsref/obj_wheelevent.asp) |
| [deltaY](https://www.w3schools.com/jsref/event_wheel_deltay.asp) | Returns the vertical scroll amount of a mouse wheel (y-axis) | [WheelEvent](https://www.w3schools.com/jsref/obj_wheelevent.asp) |
| [deltaZ](https://www.w3schools.com/jsref/event_wheel_deltaz.asp) | Returns the scroll amount of a mouse wheel for the z-axis | [WheelEvent](https://www.w3schools.com/jsref/obj_wheelevent.asp) |
| [deltaMode](https://www.w3schools.com/jsref/event_wheel_deltamode.asp) | Returns a number that represents the unit of measurements for delta values (pixels, lines or pages) | [WheelEvent](https://www.w3schools.com/jsref/obj_wheelevent.asp) |
| [detail](https://www.w3schools.com/jsref/event_detail.asp) | Returns a number that indicates how many times the mouse was clicked | [UiEvent](https://www.w3schools.com/jsref/obj_uievent.asp) |
| [elapsedTime](https://www.w3schools.com/jsref/event_animation_elapsedtime.asp) | Returns the number of seconds an animation has been running | [AnimationEvent](https://www.w3schools.com/jsref/obj_animationevent.asp) |
| [elapsedTime](https://www.w3schools.com/jsref/event_transition_elapsedtime.asp) | Returns the number of seconds a transition has been running |  |
| [eventPhase](https://www.w3schools.com/jsref/event_eventphase.asp) | Returns which phase of the event flow is currently being evaluated | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| getTargetRanges() | Returns an array containing target ranges that will be affected by the insertion/deletion | [InputEvent](https://www.w3schools.com/jsref/obj_inputevent.asp) |
| [getModifierState()](https://www.w3schools.com/jsref/event_mouse_getmodifierstate.asp) | Returns an array containing target ranges that will be affected by the insertion/deletion | [MouseEvent](https://www.w3schools.com/jsref/obj_mouseevent.asp) |
| [inputType](https://www.w3schools.com/jsref/event_inputevent_inputtype.asp) | Returns the type of the change (i.e "inserting" or "deleting") | [InputEvent](https://www.w3schools.com/jsref/obj_inputevent.asp) |
| isComposing | Returns whether the state of the event is composing or not | [InputEvent](https://www.w3schools.com/jsref/obj_inputevent.asp), [KeyboardEvent](https://www.w3schools.com/jsref/obj_keyboardevent.asp) |
| [isTrusted](https://www.w3schools.com/jsref/event_istrusted.asp) | Returns whether or not an event is trusted | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [key](https://www.w3schools.com/jsref/event_key_key.asp) | Returns the key value of the key represented by the event | [KeyboardEvent](https://www.w3schools.com/jsref/obj_keyboardevent.asp) |
| key | Returns the key of the changed storage item | [StorageEvent](https://www.w3schools.com/jsref/obj_storageevent.asp) |
| [keyCode](https://www.w3schools.com/jsref/event_key_keycode.asp) | Returns the Unicode character code of the key that triggered the onkeypress event, or the Unicode key code of the key that triggered the onkeydown or onkeyup event | [KeyboardEvent](https://www.w3schools.com/jsref/obj_keyboardevent.asp) |
| [location](https://www.w3schools.com/jsref/event_key_location.asp) | Returns the location of a key on the keyboard or device | [KeyboardEvent](https://www.w3schools.com/jsref/obj_keyboardevent.asp) |
| lengthComputable | Returns whether the length of the progress can be computable or not | [ProgressEvent](https://www.w3schools.com/jsref/obj_progressevent.asp) |
| loaded | Returns how much work has been loaded | [ProgressEvent](https://www.w3schools.com/jsref/obj_progressevent.asp) |
| [metaKey](https://www.w3schools.com/jsref/event_metakey.asp) | Returns whether the "META" key was pressed when an event was triggered | [MouseEvent](https://www.w3schools.com/jsref/obj_mouseevent.asp) |
| [metaKey](https://www.w3schools.com/jsref/event_key_metakey.asp) | Returns whether the "meta" key was pressed when the key event was triggered | [KeyboardEvent](https://www.w3schools.com/jsref/obj_keyboardevent.asp), [TouchEvent](https://www.w3schools.com/jsref/obj_touchevent.asp) |
| MovementX | Returns the horizontal coordinate of the mouse pointer relative to the position of the last mousemove event | [MouseEvent](https://www.w3schools.com/jsref/obj_mouseevent.asp) |
| MovementY | Returns the vertical coordinate of the mouse pointer relative to the position of the last mousemove event | [MouseEvent](https://www.w3schools.com/jsref/obj_mouseevent.asp) |
| newValue | Returns the new value of the changed storage item | [StorageEvent](https://www.w3schools.com/jsref/obj_storageevent.asp) |
| [newURL](https://www.w3schools.com/jsref/event_hashchange_newurl.asp) | Returns the URL of the document, after the hash has been changed | [HasChangeEvent](https://www.w3schools.com/jsref/obj_hashchangeevent.asp) |
| offsetX | Returns the horizontal coordinate of the mouse pointer relative to the position of the edge of the target element | [MouseEvent](https://www.w3schools.com/jsref/obj_mouseevent.asp) |
| offsetY | Returns the vertical coordinate of the mouse pointer relative to the position of the edge of the target element | [MouseEvent](https://www.w3schools.com/jsref/obj_mouseevent.asp) |
| oldValue | Returns the old value of the changed storage item | [StorageEvent](https://www.w3schools.com/jsref/obj_storageevent.asp) |
| [oldURL](https://www.w3schools.com/jsref/event_hashchange_oldurl.asp) | Returns the URL of the document, before the hash was changed | [HasChangeEvent](https://www.w3schools.com/jsref/obj_hashchangeevent.asp) |
| onemptied | The event occurs when something bad happens and the media file is suddenly unavailable (like unexpectedly disconnects) |  |
| [pageX](https://www.w3schools.com/jsref/event_pagex.asp) | Returns the horizontal coordinate of the mouse pointer, relative to the document, when the mouse event was triggered | [MouseEvent](https://www.w3schools.com/jsref/obj_mouseevent.asp) |
| [pageY](https://www.w3schools.com/jsref/event_pagey.asp) | Returns the vertical coordinate of the mouse pointer, relative to the document, when the mouse event was triggered | [MouseEvent](https://www.w3schools.com/jsref/obj_mouseevent.asp) |
| [persisted](https://www.w3schools.com/jsref/event_pagetransition_persisted.asp) | Returns whether the webpage was cached by the browser | [PageTransitionEvent](https://www.w3schools.com/jsref/obj_pagetransitionevent.asp) |
| [preventDefault()](https://www.w3schools.com/jsref/event_preventdefault.asp) | Cancels the event if it is cancelable, meaning that the default action that belongs to the event will not occur | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [propertyName](https://www.w3schools.com/jsref/event_transition_propertyName.asp) | Returns the name of the CSS property associated with the animation or transition | [AnimationEvent](https://www.w3schools.com/jsref/obj_animationevent.asp), [TransitionEvent](https://www.w3schools.com/jsref/obj_transitionevent.asp) |
| pseudoElement | Returns the name of the pseudo-element of the animation or transition | [AnimationEvent](https://www.w3schools.com/jsref/obj_animationevent.asp), [TransitionEvent](https://www.w3schools.com/jsref/obj_transitionevent.asp) |
| region |  | [MouseEvent](https://www.w3schools.com/jsref/obj_mouseevent.asp) |
| [relatedTarget](https://www.w3schools.com/jsref/event_relatedtarget.asp) | Returns the element related to the element that triggered the mouse event | [MouseEvent](https://www.w3schools.com/jsref/obj_mouseevent.asp) |
| [relatedTarget](https://www.w3schools.com/jsref/event_focus_relatedtarget.asp) | Returns the element related to the element that triggered the event | [FocusEvent](https://www.w3schools.com/jsref/obj_focusevent.asp) |
| repeat | Returns whether a key is being hold down repeatedly, or not | [KeyboardEvent](https://www.w3schools.com/jsref/obj_keyboardevent.asp) |
| [screenX](https://www.w3schools.com/jsref/event_screenx.asp) | Returns the horizontal coordinate of the mouse pointer, relative to the screen, when an event was triggered | [MouseEvent](https://www.w3schools.com/jsref/obj_mouseevent.asp) |
| [screenY](https://www.w3schools.com/jsref/event_screeny.asp) | Returns the vertical coordinate of the mouse pointer, relative to the screen, when an event was triggered | [MouseEvent](https://www.w3schools.com/jsref/obj_mouseevent.asp) |
| [shiftKey](https://www.w3schools.com/jsref/event_shiftkey.asp) | Returns whether the "SHIFT" key was pressed when an event was triggered | [MouseEvent](https://www.w3schools.com/jsref/obj_mouseevent.asp) |
| [shiftKey](https://www.w3schools.com/jsref/event_key_shiftkey.asp) | Returns whether the "SHIFT" key was pressed when the key event was triggered | [KeyboardEvent](https://www.w3schools.com/jsref/obj_keyboardevent.asp), [TouchEvent](https://www.w3schools.com/jsref/obj_touchevent.asp) |
| state | Returns an object containing a copy of the history entries | [PopStateEvent](https://www.w3schools.com/jsref/obj_popstateevent.asp) |
| [stopImmediatePropagation()](https://www.w3schools.com/jsref/event_stopimmediatepropagation.asp) | Prevents other listeners of the same event from being called | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [stopPropagation()](https://www.w3schools.com/jsref/event_stoppropagation.asp) | Prevents further propagation of an event during event flow | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| storageArea | Returns an object representing the affected storage object | [StorageEvent](https://www.w3schools.com/jsref/obj_storageevent.asp) |
| [target](https://www.w3schools.com/jsref/event_target.asp) | Returns the element that triggered the event | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| [targetTouches](https://www.w3schools.com/jsref/event_touch_targettouches.asp) | Returns a list of all the touch objects that are in contact with the surface and where the touchstart event occured on the same target element as the current target element | [TouchEvent](https://www.w3schools.com/jsref/obj_touchevent.asp) |
| [timeStamp](https://www.w3schools.com/jsref/event_timestamp.asp) | Returns the time (in milliseconds relative to the epoch) at which the event was created | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| total | Returns the total amount of work that will be loaded | [ProgressEvent](https://www.w3schools.com/jsref/obj_progressevent.asp) |
| [touches](https://www.w3schools.com/jsref/event_touch_touches.asp) | Returns a list of all the touch objects that are currently in contact with the surface | [TouchEvent](https://www.w3schools.com/jsref/obj_touchevent.asp) |
| [transitionend](https://www.w3schools.com/jsref/event_transitionend.asp) | The event occurs when a CSS transition has completed | [TransitionEvent](https://www.w3schools.com/jsref/obj_transitionevent.asp) |
| [type](https://www.w3schools.com/jsref/event_type.asp) | Returns the name of the event | [Event](https://www.w3schools.com/jsref/obj_event.asp) |
| url | Returns the URL of the changed item's document | [StorageEvent](https://www.w3schools.com/jsref/obj_storageevent.asp) |
| [which](https://www.w3schools.com/jsref/event_which.asp) | Returns which mouse button was pressed when the mouse event was triggered | [MouseEvent](https://www.w3schools.com/jsref/obj_mouseevent.asp) |
| [which](https://www.w3schools.com/jsref/event_key_which.asp) | Returns the Unicode character code of the key that triggered the onkeypress event, or the Unicode key code of the key that triggered the onkeydown or onkeyup event | [KeyboardEvent](https://www.w3schools.com/jsref/obj_keyboardevent.asp) |
| [view](https://www.w3schools.com/jsref/event_view.asp) | Returns a reference to the Window object where the event occurred | [UiEvent](https://www.w3schools.com/jsref/obj_uievent.asp) |