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List of all css properties and values

The following section contains a list of CSS3 properties along with a brief description. The following section contains a complete list of standard properties belonging to the latest CSS3 specifications. All the properties are listed alphabetically. Property Description align-content Specifies the alignment of flexible container's items within the flex container. align-items Specifies the default alignment for items within the flex container. align-self Specifies the alignment for selected items within the flex container. animation Specifies the keyframe-based animations. animation-delay Specifies when the animation will start. animation-direction Specifies whether the animation should play in reverse on alternate cycles or not. animation-duration Specifies the number of seconds or milliseconds an animation should take to complete one cycle. animation-fill-mode Specifies how a CSS animation should apply styles to its target before and after it is executing. animation-iteration-count Specifies the number of times an animation cycle should be played before stopping. animation-name Specifies the name of @keyframes defined animations that should be applied to the selected element. animation-play-state Specifies whether the animation is running or paused. animation-timing-function Specifies how a CSS animation should progress over the duration of each cycle. backface-visibility Specifies whether or not the "back" side of a transformed element is visible when facing the user. background Defines a variety of background properties within one declaration. background-attachment Specify whether the background image is fixed in the viewport or scrolls. background-clip Specifies the painting area of the background. background-color Defines an element's background color. background-image Defines an element's background image. background-origin Specifies the positioning area of the background images. background-position Defines the origin of a background image. background-repeat Specify whether/how the background image is tiled. background-size Specifies the size of the background images. border Sets the width, style, and color for all four sides of an element's border. border-bottom Sets the width, style, and color of the bottom border of an element. border-bottom-color Sets the color of the bottom border of an element. border-bottom-left-radius Defines the shape of the bottom-left border corner of an element. border-bottom-right-radius Defines the shape of the bottom-right border corner of an element. border-bottom-style Sets the style of the bottom border of an element. border-bottom-width Sets the width of the bottom border of an element. border-collapse Specifies whether table cell borders are connected or separated. border-color Sets the color of the border on all the four sides of an element. border-image Specifies how an image is to be used in place of the border styles. border-image-outset Specifies the amount by which the border image area extends beyond the border box. border-image-repeat Specifies whether the image-border should be repeated, rounded or stretched. border-image-slice Specifies the inward offsets of the image-border. border-image-source Specifies the location of the image to be used as a border. border-image-width Specifies the width of the image-border. border-left Sets the width, style, and color of the left border of an element. border-left-color Sets the color of the left border of an element. border-left-style Sets the style of the left border of an element. border-left-width Sets the width of the left border of an element. border-radius Defines the shape of the border corners of an element. border-right Sets the width, style, and color of the right border of an element. border-right-color Sets the color of the right border of an element. border-right-style Sets the style of the right border of an element. border-right-width Sets the width of the right border of an element. border-spacing Sets the spacing between the borders of adjacent table cells. border-style Sets the style of the border on all the four sides of an element. border-top Sets the width, style, and color of the top border of an element. border-top-color Sets the color of the top border of an element. border-top-left-radius Defines the shape of the top-left border corner of an element. border-top-right-radius Defines the shape of the top-right border corner of an element. border-top-style Sets the style of the top border of an element. border-top-width Sets the width of the border on all the four sides of an element. bottom Specify the location of the bottom edge of the positioned element. box-shadow Applies one or more drop-shadows to the element's box. box-sizing Alter the default CSS box model. caption-side Specify the position of table's caption. clear Specifies the placement of an element in relation to floating elements. clip Defines the clipping region. color Specify the color of the text of an element. column-count Specifies the number of columns in a multi-column element. column-fill Specifies how columns will be filled. column-gap Specifies the gap between the columns in a multi-column element. column-rule Specifies a straight line, or "rule", to be drawn between each column in a multi-column element. column-rule-color Specifies the color of the rules drawn between columns in a multi-column layout. column-rule-style Specifies the style of the rule drawn between the columns in a multi-column layout. column-span Specifies how many columns an element spans across in a multi-column layout. column-width Specifies the optimal width of the columns in a multi-column element. columns A shorthand property for setting column-width and column-count properties. content Inserts generated content. counter-increment Increments one or more counter values. cursor Specify the type of cursor. direction Define the text direction/writing direction. display Specifies how an element is displayed onscreen. empty-cells Show or hide borders and backgrounds of empty table cells. flex Specifies the components of a flexible length. flex-basis Specifies the initial main size of the flex item. flex-direction Specifies the direction of the flexible items. flex-flow A shorthand property for the flex-direction and the flex-wrap properties. flex-grow Specifies how the flex item will grow relative to the other items inside the flex container. flex-shrink Specifies whether the flexible items should shrink or not. float Specifies whether or not a box should float. font Defines a variety of font properties within one declaration. font-family Defines a list of fonts for element. font-size Defines the font size for the text. font-size-adjust Preserves the readability of text when font fallback occurs. font-stretch Selects a normal, condensed, or expanded face from a font. font-style Defines the font style for the text. font-variant Specify the font variant. font-weight Specify the font weight of the text. height Specify the height of an element. justify-content Specifies how flex items are aligned along the main axis of the flex container after any flexible lengths and auto margins have been resolved. left Specify the location of the left edge of the positioned element. letter-spacing Sets the extra spacing between letters. line-height Sets the height between lines of text. list-style Defines the display style for a list and list elements. list-style-image Specifies the image to be used as a list-item marker. list-style-position Specifies the position of the list-item marker. list-style-type Specifies the marker style for a list-item. margin Sets the margin on all four sides of the element. margin-bottom Sets the bottom margin of the element. margin-left Sets the left margin of the element. margin-right Sets the right margin of the element. margin-top Sets the top margin of the element. max-height Specify the maximum height of an element. max-width Specify the maximum width of an element. min-height Specify the minimum height of an element. min-width Specify the minimum width of an element. opacity Specifies the transparency of an element. order Specifies the order in which a flex items are displayed and laid out within a flex container. outline Sets the width, style, and color for all four sides of an element's outline. outline-color Sets the color of the outline. outline-offset Set the space between an outline and the border edge of an element. outline-style Sets a style for an outline. outline-width Sets the width of the outline. overflow Specifies the treatment of content that overflows the element's box. overflow-x Specifies the treatment of content that overflows the element's box horizontally. overflow-y Specifies the treatment of content that overflows the element's box vertically. padding Sets the padding on all four sides of the element. padding-bottom Sets the padding to the bottom side of an element. padding-left Sets the padding to the left side of an element. padding-right Sets the padding to the right side of an element. padding-top Sets the padding to the top side of an element. page-break-after Insert a page breaks after an element. page-break-before Insert a page breaks before an element. perspective Defines the perspective from which all child elements of the object are viewed. perspective-origin Defines the origin (the vanishing point for the 3D space) for the perspective property. position Specifies how an element is positioned. quotes Specifies quotation marks for embedded quotations. resize Specifies whether or not an element is resizable by the user. right Specify the location of the right edge of the positioned element. tab-size Specifies the length of the tab character. table-layout Specifies a table layout algorithm. text-align Sets the horizontal alignment of inline content. text-align-last Specifies how the last line of a block or a line right before a forced line break is aligned when text-align is justify. text-decoration Specifies the decoration added to text. text-decoration-color Specifies the color of the text-decoration-line. text-decoration-line Specifies what kind of line decorations are added to the element. text-decoration-style Specifies the style of the lines specified by the text-decoration-line property. text-indent Indent the first line of text. text-justify Specifies the justification method to use when the text-align property is set to justify. text-overflow Specifies how the text content will be displayed, when it overflows the block containers. text-shadow Applies one or more shadows to the text content of an element. text-transform Transforms the case of the text. top Specify the location of the top edge of the positioned element. transform Applies a 2D or 3D transformation to an element. transform-origin Defines the origin of transformation for an element. transform-style Specifies how nested elements are rendered in 3D space. transition Defines the transition between two states of an element. transition-delay Specifies when the transition effect will start. transition-duration Specifies the number of seconds or milliseconds a transition effect should take to complete. transition-property Specifies the names of the CSS properties to which a transition effect should be applied. transition-timing-function Specifies the speed curve of the transition effect. vertical-align Sets the vertical positioning of an element relative to the current text baseline. visibility Specifies whether or not an element is visible. white-space Specifies how white space inside the element is handled. width Specify the width of an element. word-break Specifies how to break lines within words. word-spacing Sets the spacing between words. word-wrap Specifies whether to break words when the content overflows the boundaries of its container. z-index Specifies a layering or stacking order for positioned elements. The following section contains a complete list of standard properties belonging to the latest CSS3 specifications. All the properties are grouped into categories. Animation Properties Background Properties Border Properties Property Description border Sets the width, style, and color for all four sides of an element's border. border-bottom Sets the width, style, and color of the bottom border of an element. border-bottom-color Sets the color of the bottom border of an element. border-bottom-left-radius Defines the shape of the bottom-left border corner of an element. border-bottom-right-radius Defines the shape of the bottom-right border corner of an element. border-bottom-style Sets the style of the bottom border of an element. border-bottom-width Sets the width of the bottom border of an element. border-color Sets the color of the border on all the four sides of an element. border-image Specifies how an image is to be used in place of the border styles. border-image-outset Specifies the amount by which the border image area extends beyond the border box. border-image-repeat Specifies whether the image-border should be repeated, rounded or stretched. border-image-slice Specifies the inward offsets of the image-border. border-left Sets the width, style, and color of the left border of an element. border-left-color Sets the color of the left border of an element. border-left-style Sets the style of the left border of an element. border-left-width Sets the width of the left border of an element. border-radius Defines the shape of the border corners of an element. border-right Sets the width, style, and color of the right border of an element. border-right-color Sets the color of the right border of an element. border-right-style Sets the style of the right border of an element. border-right-width Sets the width of the right border of an element. border-spacing Sets the spacing between the borders of adjacent table cells. border-style Sets the style of the border on all the four sides of an element. border-top Sets the width, style, and color of the top border of an element. border-top-color Sets the color of the top border of an element. border-top-left-radius Defines the shape of the top-left border corner of an element. border-top-right-radius Defines the shape of the top-right border corner of an element. border-top-style Sets the style of the top border of an element. border-top-width Sets the width of the border on all the four sides of an element. Color Properties Property Description color Specify the color of the text of an element. opacity Specifies the transparency of an element. Dimension Properties Property Description height Specify the height of an element. max-height Specify the maximum height of an element. max-width Specify the maximum width of an element. min-height Specify the minimum height of an element. min-width Specify the minimum width of an element. width Specify the width of an element. Generated Content Properties Property Description content Inserts generated content. quotes Specifies quotation marks for embedded quotations. counter-increment Increments one or more counter values. Flexible Box Layout Property Description align-content Specifies the alignment of flexible container's items within the flex container. align-items Specifies the default alignment for items within the flex container. align-self Specifies the alignment for selected items within the flex container. flex Specifies the components of a flexible length. flex-basis Specifies the initial main size of the flex item. flex-direction Specifies the direction of the flexible items. flex-flow A shorthand property for the flex-direction and the flex-wrap properties. flex-grow Specifies how the flex item will grow relative to the other items inside the flex container. flex-shrink Specifies whether the flexible items should shrink or not. justify-content Specifies how flex items are aligned along the main axis of the flex container after any flexible lengths and auto margins have been resolved. order Specifies the order in which a flex items are displayed and laid out within a flex container. Font Properties Property Description font Defines a list of fonts for element. font-size Defines the font size for the text. font-size-adjust Preserves the readability of text when font fallback occurs. font-stretch Selects a normal, condensed, or expanded face from a font. font-style Defines the font style for the text. font-variant Specify the font variant. font-weight Specify the font weight of the text. List Properties Margin Properties Property Description margin Sets the margin on all four sides of the element. margin-bottom Sets the bottom margin of the element. margin-left Sets the left margin of the element. margin-right Sets the right margin of the element. margin-top Sets the top margin of the element. Multi-column Layout Properties Property Description column-count Specifies the number of columns in a multi-column element. column-fill Specifies how columns will be filled. column-gap Specifies the gap between the columns in a multi-column element. column-rule Specifies a straight line, or "rule", to be drawn between each column in a multi-column element. column-rule-color Specifies the color of the rules drawn between columns in a multi-column layout. column-rule-style Specifies the style of the rule drawn between the columns in a multi-column layout. column-span Specifies how many columns an element spans across in a multi-column layout. column-width Specifies the optimal width of the columns in a multi-column element. columns A shorthand property for setting column-width and column-count properties. Outline Properties Property Description outline Sets the width, style, and color for all four sides of an element's outline. outline-color Sets the color of the outline. outline-offset Set the space between an outline and the border edge of an element. outline-style Sets a style for an outline. outline-width Sets the width of the outline. Padding Properties Property Description padding Sets the padding on all four sides of the element. padding-bottom Sets the padding to the bottom side of an element. padding-left Sets the padding to the left side of an element. padding-right Sets the padding to the right side of an element. padding-top Sets the padding to the top side of an element. Print Properties Table Properties Property Description border-collapse Specifies whether table cell borders are connected or separated. border-spacing Sets the spacing between the borders of adjacent table cells. caption-side Specify the position of table's caption. empty-cells Show or hide borders and backgrounds of empty table cells. table-layout Specifies a table layout algorithm. Text Properties Transform Properties Property Description backface-visibility Specifies whether or not the "back" side of a transformed element is visible when facing the user. perspective Defines the perspective from which all child elements of the object are viewed. perspective-origin Defines the origin (the vanishing point for the 3D space) for the perspective property. transform Applies a 2D or 3D transformation to an element. transform-origin Defines the origin of transformation for an element. transform-style Specifies how nested elements are rendered in 3D space. Transitions Properties Property Description transition Defines the transition between two states of an element. transition-delay Specifies when the transition effect will start. transition-duration Specifies the number of seconds or milliseconds a transition effect should take to complete. transition-property Specifies the names of the CSS properties to which a transition effect should be applied. transition-timing-function Specifies the speed curve of the transition effect. Visual formatting Properties Property Description display Specifies how an element is displayed onscreen. position Specifies how an element is positioned. top Specify the location of the top edge of the positioned element. right Specify the location of the right edge of the positioned element. bottom Specify the location of the bottom edge of the positioned element. left Specify the location of the left edge of the positioned element. float Specifies whether or not a box should float. clear Specifies the placement of an element in relation to floating elements. z-index Specifies a layering or stacking order for positioned elements. overflow Specifies the treatment of content that overflows the element's box. overflow-x Specifies how to manage the content when it overflows the width of the element's content area. overflow-y Specifies how to manage the content when it overflows the height of the element's content area. resize Specifies whether or not an element is resizable by the user. clip Defines the clipping region. visibility Specifies whether or not an element is visible. cursor Specify the type of cursor. box-shadow Applies one or more drop-shadows to the element's box. box-sizing Alter the default CSS box model.