



Ultimate CSS Cheat Sheet



Text & Font Properties

Property	What It Does	Example
<code>color</code>	Changes text color	<code>color: red;</code>
<code>font-family</code>	Sets the typeface	<code>font-family: Arial, sans-serif;</code>
<code>font-size</code>	Controls size of text	<code>font-size: 16px;</code>
<code>font-weight</code>	Makes text bold or light	<code>font-weight: bold;</code>
<code>line-height</code>	Sets vertical spacing between lines	<code>line-height: 1.5;</code>
<code>text-align</code>	Aligns text (left, center, right)	<code>text-align: center;</code>
<code>text-decoration</code>	Adds or removes underlines, etc.	<code>text-decoration: none;</code>
<code>letter-spacing</code>	Adjusts space between characters	<code>letter-spacing: 1px;</code>
<code>text-transform</code>	Changes case (uppercase/lowercase)	<code>text-transform: uppercase;</code>



Box Model Properties

Property	What It Does	Example
<code>margin</code>	Space outside the element	<code>margin: 20px;</code>
<code>padding</code>	Space inside the element	<code>padding: 10px;</code>
<code>border</code>	Creates an edge around the element	<code>border: 1px solid black;</code>
<code>border-radius</code>	Rounds the corners of the border	<code>border-radius: 10px;</code>
<code>box-sizing</code>	Changes how total width/height is calculated	<code>box-sizing: border-box;</code>



Background Properties

Property	What It Does	Example
<code>background-color</code>	Fills background with color	<code>background-color: #f4f4f4;</code>
<code>background-image</code>	Adds an image behind content	<code>background-image: url('pic.jpg');</code>
<code>background-size</code>	Scales the background image	<code>background-size: cover;</code>
<code>background-position</code>	Positions the background image	<code>background-position: center;</code>
<code>background-repeat</code>	Repeats or stops repeating image	<code>background-repeat: no-repeat;</code>

Layout & Positioning

Property	What It Does	Example
<code>display</code>	Defines how elements are displayed (block, flex, grid, etc.)	<code>display: block;</code>
<code>position</code>	Allows precise placement (relative, absolute, etc.)	<code>position: relative;</code>
<code>top, right, bottom, left</code>	Moves positioned elements	<code>top: 10px;</code>
<code>z-index</code>	Controls stacking order	<code>z-index: 10;</code>
<code>overflow</code>	Manages overflow of content	<code>overflow: hidden;</code>

Flexbox Properties

Property	What It Does	Example
<code>display</code>	Enables flex mode	<code>display: flex;</code>
<code>flex-direction</code>	Sets direction (row or column)	<code>flex-direction: row;</code>
<code>justify-content</code>	Aligns items horizontally	<code>justify-content: center;</code>
<code>align-items</code>	Aligns items vertically	<code>align-items: center;</code>
<code>flex-wrap</code>	Allows items to wrap to next line	<code>flex-wrap: wrap;</code>
<code>gap</code>	Adds spacing between items	<code>gap: 10px;</code>

Grid Properties

Property	What It Does	Example
<code>display</code>	Enables grid layout	<code>display: grid;</code>
<code>grid-template-columns</code>	Defines column layout	<code>grid-template-columns: 1fr 1fr;</code>
<code>grid-template-rows</code>	Defines row layout	<code>grid-template-rows: auto auto;</code>
<code>gap</code>	Space between rows/columns	<code>gap: 20px;</code>
<code>place-items</code>	Shorthand to align items in grid	<code>place-items: center;</code>

Transitions & Animations

Property	What It Does	Example
<code>transition</code>	Smooths change between styles	<code>transition: all 0.3s ease;</code>
<code>animation</code>	Applies keyframe animation	<code>animation: fadeIn 1s;</code>
<code>@keyframes</code>	Defines animation steps	<code>@keyframes fadeIn { from {opacity: 0;} to {opacity: 1;} }</code>

Transform Properties

Property	What It Does	Example
<code>transform</code>	Applies transformations (scale, rotate, etc.)	<code>transform: scale(1.2);</code>
<code>rotate</code>	Rotates the element	<code>transform: rotate(45deg);</code>
<code>translate</code>	Moves element on x/y axis	<code>transform: translateX(10px);</code>
<code>scale</code>	Enlarges or shrinks element	<code>transform: scale(1.5);</code>

Miscellaneous

Property	What It Does	Example
<code>cursor</code>	Changes mouse cursor style	<code>cursor: pointer;</code>
<code>visibility</code>	Hides or shows element (still takes space)	<code>visibility: hidden;</code>
<code>opacity</code>	Sets transparency level	<code>opacity: 0.5;</code>
<code>box-shadow</code>	Adds shadow around the element	<code>box-shadow: 0 2px 5px rgba(0,0,0,0.3);</code>

Pseudo-Classes & Pseudo-Elements

Selector	What It Does	Example
<code>:hover</code>	Styles when mouse is over element	<code>button:hover { color: red; }</code>
<code>:active</code>	Styles when element is being clicked	<code>a:active { background: yellow; }</code>
<code>:nth-child()</code>	Targets specific element in a list	<code>li:nth-child(2)</code>

<code>::before</code>	Adds content before element	<code>h1::before { content: "* "; }</code>
<code>::after</code>	Adds content after element	<code>p::after { content: "."; }</code>