

W3-Colors

Class	Use Case
<code>w3-{color}</code>	Background for any HTML element
<code>w3-text-{color}</code>	Text (foreground color) for a HTML element
<code>w3-hover-{color}</code>	Background color on-hover for any element
<code>w3-hover-text-{color}</code>	Text (foreground) color on-hover for an element

By default, W3 uses **Material UI** colors for its color scheme. This can be changed to use other schemes like Windows colors, Fashion colors, Highway colors etc.

W3-Borders

Class	Use Case
<code>w3-border</code>	Add a border on all sides of an element
<code>w3-border-{side}</code> (top, right, bottom, left)	Add a border to a specific side of an element
<code>w3-border-{color}</code>	Give border a specific color
<code>w3-hover-border-{color}</code>	Border display color on mouse hover
<code>w3-{side}bar</code> (left bottom, right, top)	Give the border a thick bar on the specified side
<code>w3-round-{size}</code> (small, none, medium, large, xlarge, xxlarge)	Round corners of a border

For a border to be more visible, add a contrasting background color to the element.

W3-Cards

Class	Use Case
<code>w3-card-{shadow size}</code> (no-shadow, 2 (2px shadow size), 4 (4px shadow size))	Make a card with the specified shadow size
<code>w3-hover-shadow</code>	Add a shadow effect (4px exact) when you hover over a card

To color the background of a card, use the `w3-{color}` class.

W3-Round

Class	Use Case
<code>w3-round</code>	Adds a border-radius of 4 around an element.
<code>w3-round-{size}</code> (small, medium, large, xlarge, xxlarge)	Adds border-radius of 2, 4, 8, 16 and 32 respectively around an element.
<code>w3-circle</code>	Displays any content inside a circle.

This property simply adds rounded corners to any HTML element. You can use the `w3-circle` class along with `w3-padding` to provide some padding around the element from the circle borders.

W3-Margin

Class	Use Case
<code>w3-margin</code>	Adds a 16px margin to all sides of an element.
<code>w3-margin-{side}</code> (top, right, bottom, left)	Adds a 16px margin to the specified side of an element.
<code>w3-section</code>	Adds a 16px margin to the top and bottom of an element.

The `w3-section` class exists because by default HTML elements do not have a top and bottom margin around them.



W3 Buttons	
Class	Use Case
w3-btn	Creates a rectangular, black by default, button with <i>shadow on hover</i> .
w3-button	Creates a rectangular button with a <i>grey hover</i> effect.
w3-bar	A horizontal bar that can be used to group buttons together e.g in horizontal menus. Use it as a container for buttons. You can center the buttons using the <code>w3-center</code> class.
w3-block	A block defines a full width (100% container width) button.
w3-circle	Can be used to create a circular button.
w3-ripple	Can be used to create a ripple (blink) effect when a button is clicked.
w3-{color}	Used to color the background of the button.
w3-hov er- {color}	Used to change the background color on hover.
w3-rou nd- {size} (<i>normal</i> (w3-round), large, xlarge, xxlarge)	Used to add round borders to a button.
w3-{size} (tiny, small, medium, large, xlarge, xxlarge, xxxlarge, jumbo)	Used to define size of text in the button.

W3 Buttons (cont)	
w3-border	Used to add borders to a button.
w3-bor der -{c ol or}	Used to define the color of the border around a button. Can be used with <code>w3-round- {size}</code> to add rounding to the border.
w3-wide	Can be used to add wide-text effect to text in the button.
w3-pad din g- { si ze} (small, large)	Can be used to add padding around the text in the button.
w3- {si de} -align (left, right)	Can be used to align the text in the button.
w3-dis abled	Can be used to make a disabled button. The mouse changes to a no entry sign, and clicking does nothing.
w3- {side} (left, ri ght)	Used to float the button to the left or right of the bar .

The `w3-button` **inherits** its default color from the parent element in W3CSS V4, and is **light-gray** by default in V3. To add italics or bolding to a text, you can wrap the text around the appropriate tag e.g `<button class= " w3- but ton "><i> Ita lic </i></b utt on>`. You can use `style= width: 80%` to change the width of the button in the parent container.



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W3 Quotes

Class	Use Case
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W3-Containers

Class	Use Case
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w3-con tainer	Add a container class to an element
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Containers (e.g <div>, <article>, <section>, <header>) provide equality i.e common margins, padding, alignments, font colors etc to all HTML container elements.

The **w3-container** class specifically adds a **16px left and right padding** to any HTML element, but **no top and bottom padding**. Use it with containers. So paragraphs and headings provide margins that help with this.

W3-Panels

Class	Use Case
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w3-panel	Add a panel to an element
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w3-{pale background color}	Use a panel as a note area
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w3-leftbar, w3-rightbar	Use a panel for quotes
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w3-card-{ shadow size} (no-shadow, 2 (2px shadow), 4 (4px shadow))	Use a panel as a card (like a flash card)
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w3-round- {size} (small, medium, large, xlarge, xxlarge)	Round corners of a panel
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w3-{size} (tiny, small, medium, large, xlarge, xxlarge, xxxlarge, jumbo)	Set size of the panel
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A **panel** is like a container, but it **adds a 16px top and bottom margin** to the initial 16px left and right provided by a container. To use **panels for notes**, add a pale background e.g w3-panel-green.

To use a **panel for quotes**, give it a left bar or a right bar a size, and serif font. Panels can also be **used as cards** by adding it to the w3-card(s) classes. See that section for more details.

W3-Fonts

Class	Use Case
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w3-{font-family} (serif, sans-serif, monospace, cursive)	Make a text font same as the specified family font
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W3-Text

Class	Use Case
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w3-{side}-align (left, right)	Align text to the left or right
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w3-center	Center align elements (including text)
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w3-wide	Specify wider text
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w3-opacity	Give opacity to text. Intensity depends on the color used
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W3-Padding

Class	Use Case
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w3-padding-g-{ number} (16, 24, 32, 48, 64)	Adds a top and bottom padding to any HTML element.
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w3-padding	Adds an 8px top and bottom and 16px left and right padding.
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w3-padding-small	Adds a 4px top and bottom and 8px left and right padding.
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w3-padding-large	Adds a 12px top and bottom and 24px left and right padding.
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The number defines the intensity of the padding.



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W3 Display

Class	Use Case
<code>w3-display-container</code>	Container for <code>w3-display-class</code> s
<code>w3-display-topleft</code>	Display elements in top left of display container.
<code>w3-display-topright</code>	Display elements in top right of display container.
<code>w3-display-bottomleft</code>	Display elements in bottom left of display container.
<code>w3-display-bottomright</code>	Display elements in bottom right of display container.
<code>w3-display-left</code>	Display elements in the left of display container.
<code>w3-display-right</code>	Display elements in the right of display container.
<code>w3-display-middle</code>	Display elements in the middle of display container.
<code>w3-display-topmiddle</code>	Display elements in top middle of display container.
<code>w3-display-bottommiddle</code>	Display elements in bottom middle of display container.
<code>w3-display-position</code>	Display elements in the specified position in the display container.
<code>w3-display-hover</code>	Display contents on hover inside the display container.
<code>w3-left</code>	Float an element to the left (<code>float: left;</code>)
<code>w3-right</code>	Float an element to the right (<code>float: right;</code>)
<code>w3-show</code>	Shows an element (<code>display: block;</code>)
<code>w3-hide</code>	Hide an element (<code>display: none;</code>)

W3 Display (cont)

`w3-mobile` Adds mobile-first responsiveness to any element.

Display classes allow you to display HTML elements in specific positions inside other HTML elements. They however must be placed in the `w3-display-container` container. The `w3-mobile` class displays elements as **block elements** on mobile devices (By adding `display: block` and `width: 100%`; to an element on screen sizes less than **600px** wide).

W3 Notes

Class	Use Case
<code>w3-panel</code>	The perfect class to display notes and information. The panel by default has no border .
<code>w3-{side}-bar (left, right, w3-bottombar, w3-topbar)</code>	Used to add side bar to the note (panel), The bar becomes a border for the panel.
<code>w3-border-{color}</code>	You can use this to color the border (bar) from above.
<code>w3-pale-{color}</code>	Use a pale background color to make the note more catchy.

Use `w3-border` to add a border around the note (panel) converse to using `w3-bar`.



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