Tutorial 2

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Grid Layout

Every grid layout parent class should start with either

class	description
w3-row	Container for responsive classes, with no padding
w3-row-padding	Container for responsive classes, with 8px left and right padding

fraction Based

Class	Description
w3-half	Occupies 1/2 of the window (on medium and large screens)
w3-third	Occupies 1/3 of the window (on medium and large screens)
w3-twothird	Occupies 2/3 of the window (on medium and large screens)
w3-quarter	Occupies 1/4 of the window (on medium and large screens)
w3-threequarter	Occupies 3/4 of the window (on medium and large screens)
w3-rest	Occupies the rest of the column width
w3-col	Defines one column in a 12-column responsive grid
w3-mobile	Adds mobile-first responsiveness to a cell (column).Displays elements as block elements on mobile devices.

Column Based

Class	Description
l1 - l12	Responsive sizes for large screens
m1 - m12	Responsive sizes for medium screens
s1 - s12	Responsive sizes for small screens

Responsive

Class	Description
w3-hide-small	Hides content on small screens (less than 601px)
w3-hide-medium	Hides content on medium screens
w3-hide-large	Hides content on large screens (larger than 992px)

Cell Layout

Class	Description
w3-cell-row	Container for cells (columns).
w3-cell	Layout cell (column).
w3-cell-top	Aligns content at the top of a cell (column).
w3-cell-middle	Aligns content at the vertical middle of a cell (column).
w3-cell-bottom	Aligns content at the bottom of a cell (column).

Display Layout

Class	Description
w3-display-container	Container for w3-display-classes
w3-display-topleft	Displays content at the top left corner of the w3-display-container
w3-display-topright	Displays content at the top right corner of the w3-display-container
w3-display-bottomleft	Displays content at the bottom left corner of the w3-display-container
w3-display-bottomright	Displays content at the bottom right corner of the w3-display-container
w3-display-left	Displays content to the left (middle left) of the w3-display-container
w3-display-right	Displays content to the right (middle right) of the w3-display-container
w3-display-middle	Displays content in the middle (center) of the w3-display-container
w3-display-topmiddle	Displays content at the top middle of the w3-display-container
w3-display-bottommiddle	Displays content at the bottom middle of the w3-display-container
w3-display-position	Displays content at a specified position in the w3-display-container

Class	Description
w3-display-hover	Displays content on hover inside the w3-display-container

Miscellaneous

Class	Description
w3-show	Shows an element (display: block)
w3-hide	Hides an element (display: none)
w3-hover-opacity	makes less opaque when hovered
w3-hover-opacity-off	cancels off w3-opaque when hovered
w3-btn	A rectangular button with a shadow hover effect. Default color is black.
w3-button	A rectangular button with a gray hover effect.
w3-ul	for lists
w3-opacity-min	25% transparant
w3-opacity	50% transparant
w3-opacity- max	75% transparant
w3-opacity-off	0% transparent