

Bootstrap

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Bootstrap Grid

- A grid is a structure (usually two-dimensional) made up of a series of intersecting straight (vertical, horizontal) lines used to structure the content.
- Bootstrap's grid system allows up to 12 columns across the page.
- One can change the count of number of columns by increasing the width of particular column. But, maximum count is 12.
- Bootstrap's grid system is responsive, and the columns will rearrange automatically depending on the screen size.



Bootstrap Grid



span 1	span 1	span 1	span 1	span 1	span 1	span 1	span 1	span 1	span 1	span 1
span 4				span 4				span 4		
span 4				span 8						
span 6						span 6				
span 12										

The columns will automatically stack on top of each other when the screen is less than 768px wide.



Grid Classes

The Bootstrap grid system has four classes:

- xs (for phones)
 - sm (for tablets)
 - md (for desktops)
 - lg (for larger desktops)
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- The classes above can be combined to create more dynamic and flexible layouts.



Bootstrap Grid - Steps



- First; create a row (`<div class="row">`).
- Then, add the desired number of columns (tags with appropriate `.col-*-*` classes).
- Afterwards, specify grid class as: `.col-md-*`
- At last specify the number of columns as: `.col-md-8`
- Note: We can always add up to 12 columns for each row.



Bootstrap Grid - Example



- `<div class="row">`
 - `<div class="col-sm-4">4 col span</div>`
 - `<div class="col-sm-4">4 col span</div>`
 - `<div class="col-sm-4">4 col span</div>`
 - `</div>`
- `<div class="row">`
 - `<div class="col-sm-4">4 col span</div>`
 - `<div class="col-sm-8">8 col span</div>`
 - `</div>`

