

# Bootstrap Grid System

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Bootstrap's grid system allows up to 12 columns across the page.

If you do not want to use all 12 column individually, you can group the columns together to create wider columns:

.col-md-1	.col-md-1	.col-md-1	.col-md-1	.col-md-1	.col-md-1	.col-md-1	.col-md-1	.col-md-1	.col-md-1	.col-md-1	.col-md-1
.col-md-8								.col-md-4			
.col-md-4				.col-md-4				.col-md-4			
.col-md-6						.col-md-6					

Bootstrap's grid system is responsive, and the columns will re-arrange automatically depending on the screen size. You don't have to worry about implementing responsive design manually by using it.

## Sizes

The Bootstrap grid system has four classes:

- xs (for phones)
- sm (for tablets)
- md (for desktops)
- lg (for larger desktops)

## Basic Structure

```
<div class="container">
<div class="row">
  <div class="col-*-*"></div>
</div>
<div class="row">
  <div class="col-*-*"></div>
  <div class="col-*-*"></div>
  <div class="col-*-*"></div>
</div>
<div class="row">
  ...
</div>
</div>
```

## Example (None Responsive)

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Try open the following grid.htm in browser, resize the width of browser and observe it.

**Lab: bootstrap\grid.htm**

Notice that the layout maintaining its structure even when browser width is narrow.

## Example (Responsive)

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Now, open thte following grid2.htm in browser, resize the width of browser and observe it.

**Lab: bootstrap\grid2.htm**

Notice that the layout changed along with browser width. This is how bootstrap handle responsive design.