

# Bootstrap 4 Grid Stacked-to-horizontal

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## Bootstrap 4 Grid Example: Stacked-to-horizontal

We will create a basic grid system that starts out stacked on extra small devices, before becoming horizontal on larger devices.

The following example shows a simple "stacked-to-horizontal" two-column layout, meaning it will result in a 50%/50% split on all screens, except for extra small screens, which it will automatically stack (100%):

col-sm-6

col-sm-6

### Example: Stacked-to-horizontal

```
<div class="attribute" style="color:red"> class="attributevalue"
style="color:mediumblue">="container"="tag" style="color:mediumblue">>
  <div class="attribute" style="color:red"> class="attributevalue"
style="color:mediumblue">="row"="tag" style="color:mediumblue">>
```

```

<div class="attributeicolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col-sm-6 bg-success"="tagcolor"
style="color:mediumblue">>
    <p class="tagcolor" style="color:mediumblue">>Lorem ipsum...</p>
class="tagcolor" style="color:mediumblue">>
</div class="tagcolor" style="color:mediumblue">>
<div class="attributeicolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col-sm-6 bg-warning"="tagcolor"
style="color:mediumblue">>
    <p class="tagcolor" style="color:mediumblue">>Sed ut perspiciatis...</p>
class="tagcolor" style="color:mediumblue">>
</div class="tagcolor" style="color:mediumblue">>
</div class="tagcolor" style="color:mediumblue">>
</div class="tagcolor" style="color:mediumblue">>

```

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**Tip:** The numbers in the `.col-sm-*` classes indicates how many columns the div should span (out of 12). So, `.col-sm-1` spans 1 column, `.col-sm-4` spans 4 columns, `.col-sm-6` spans 6 columns, etc.

**Note:** Make sure that the sum adds up to 12 or fewer (it is not required that you use all 12 available columns):

**Tip:** You can turn any fixed-width layout into a **full-width** layout by changing the `.container` class to `.container-fluid`:

Example: Fluid container

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```

<div class="attribute" style="color:red"> class="attributevalue"
style="color:mediumblue">="container-fluid"="tagcolor" style="color:mediumblue">>
  <div class="attribute" style="color:red"> class="attributevalue"
style="color:mediumblue">="row"="tagcolor" style="color:mediumblue">>
    <div class="attribute" style="color:red"> class="attributevalue"
style="color:mediumblue">="col-sm-6"="tagcolor" style="color:mediumblue">>
      <p class="tagcolor" style="color:mediumblue">>Lorem ipsum...</p
class="tagcolor" style="color:mediumblue">>
    </div class="tagcolor" style="color:mediumblue">>
  <div class="attribute" style="color:red"> class="attributevalue"
style="color:mediumblue">="col-sm-6"="tagcolor" style="color:mediumblue">>
    <p class="tagcolor" style="color:mediumblue">>Sed ut perspiciatis...</p
class="tagcolor" style="color:mediumblue">>
  </div class="tagcolor" style="color:mediumblue">>
</div class="tagcolor" style="color:mediumblue">>

```

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## Auto Layout Columns

In Bootstrap 4, there is an easy way to create equal width columns for all devices: just remove the number from `.col-size-*` and only use the `.col-size` class on a specified number of **col elements**. Bootstrap will recognize how many columns there are, and each column will get the same width. The *size* classes determines when the columns should be responsive:

```

<!-- Two columns: 50% width on all screens, except for extra small (100% width) --
>
<div class="attribute" style="color:red"> class="attributevalue"
style="color:mediumblue">="row"="tagcolor" style="color:mediumblue">>
  <div class="attribute" style="color:red"> class="attributevalue"
style="color:mediumblue">="col-sm"="tagcolor" style="color:mediumblue">>1 of

```

```

2</div class="tagcolor" style="color:mediumblue">>
  <div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col-sm"="tagcolor" style="color:mediumblue">>2 of
2</div class="tagcolor" style="color:mediumblue">>
</div class="tagcolor" style="color:mediumblue">>

<!-- Four columns: 25% width on all screens, except for extra small (100% width)--
>
<div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="row"="tagcolor" style="color:mediumblue">>
  <div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col-sm"="tagcolor" style="color:mediumblue">>1 of
4</div class="tagcolor" style="color:mediumblue">>
  <div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col-sm"="tagcolor" style="color:mediumblue">>2 of
4</div class="tagcolor" style="color:mediumblue">>
  <div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col-sm"="tagcolor" style="color:mediumblue">>3 of
4</div class="tagcolor" style="color:mediumblue">>
  <div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col-sm"="tagcolor" style="color:mediumblue">>4 of
4</div class="tagcolor" style="color:mediumblue">>
</div class="tagcolor" style="color:mediumblue">>

```

1 of 2

2 of 2

1 of 4

2 of 4

3 of 4

4 of 4

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