









ADVERTISEMENT

Three Equal Columns Using Numbers

You can also use numbers to control the column width. Just make sure that the sum adds up to 12 or fewer (it is not required that you use all 12 available columns):

col-4 col-4

```
class="tagcolor" style="color:mediumblue">>
  </div class="tagcolor" style="color:mediumblue">>
  Try it Yourself »
```

Three Unequal columns

To create unequal columns, you have to use numbers. The following example will create a 25%/50%/25% split:

col-3	col-6	col-3
-------	-------	-------

Example

Try it Yourself »

Setting One Column Width

However, it is enough to only set the width of one column, and have the sibling columns automatically resize around it. The following example will create a 25%/50%/25% split:



Example

Try it Yourself »

More Equal Columns

1 of 2			2 of 2			
1 of 4 2 of 4			3 of 4		4 of 4	
1 of 6	2 of 6	3 of 6	4 of 6	5 of 6		6 of 6

```
<!-- Two equal columns -->
<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"="tagcolor" style="color:mediumblue">>1 of 2</div</pre>
class="tagcolor" style="color:mediumblue">>
  <div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col"="tagcolor" style="color:mediumblue">>2 of 2</div</pre>
class="tagcolor" style="color:mediumblue">>
</div class="tagcolor" style="color:mediumblue">>
<!-- Four equal columns -->
<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"="tagcolor" style="color:mediumblue">>1 of 4</div</pre>
class="tagcolor" style="color:mediumblue">>
  <div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col"="tagcolor" style="color:mediumblue">>2 of 4</div</pre>
class="tagcolor" style="color:mediumblue">>
  <div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col"="tagcolor" style="color:mediumblue">>3 of 4</div</pre>
class="tagcolor" style="color:mediumblue">>
  <div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col"="tagcolor" style="color:mediumblue">>4 of 4</div</pre>
```

```
class="tagcolor" style="color:mediumblue">>
</div class="tagcolor" style="color:mediumblue">>
<!-- Six equal columns -->
<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"="tagcolor" style="color:mediumblue">>1 of 6</div</pre>
class="tagcolor" style="color:mediumblue">>
  <div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col"="tagcolor" style="color:mediumblue">>2 of 6</div</pre>
class="tagcolor" style="color:mediumblue">>
  <div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col"="tagcolor" style="color:mediumblue">>3 of 6</div</pre>
class="tagcolor" style="color:mediumblue">>
  <div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col"="tagcolor" style="color:mediumblue">>4 of 6</div</pre>
class="tagcolor" style="color:mediumblue">>
  <div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col"="tagcolor" style="color:mediumblue">>5 of 6</div</pre>
class="tagcolor" style="color:mediumblue">>
  <div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col"="tagcolor" style="color:mediumblue">>6 of 6</div</pre>
class="tagcolor" style="color:mediumblue">>
</div class="tagcolor" style="color:mediumblue">>
```

Row Cols

You can also control how many columns that should appear next to each other (regardless of how many cols), with the .row-cols-* classes:

1 of 2					
2 of 2					
1 of 4		2 of 4			
3 of 4		4 of 4			
1 of 6	2 of 6		3 of 6		
4 of 6	5 of 6		6 of 6		

```
<div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="row row-cols-1"="tagcolor" style="color:mediumblue">>
  <div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col"="tagcolor" style="color:mediumblue">>1 of 2</div</pre>
class="tagcolor" style="color:mediumblue">>
  <div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col"="tagcolor" style="color:mediumblue">>2 of 2</div</pre>
class="tagcolor" style="color:mediumblue">>
</div class="tagcolor" style="color:mediumblue">>
<div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="row row-cols-2"="tagcolor" style="color:mediumblue">>
  <div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col"="tagcolor" style="color:mediumblue">>1 of 4</div</pre>
class="tagcolor" style="color:mediumblue">>
  <div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col"="tagcolor" style="color:mediumblue">>2 of 4</div</pre>
class="tagcolor" style="color:mediumblue">>
```

```
<div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col"="tagcolor" style="color:mediumblue">>3 of 4</div</pre>
class="tagcolor" style="color:mediumblue">>
  <div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col"="tagcolor" style="color:mediumblue">>4 of 4</div</pre>
class="tagcolor" style="color:mediumblue">>
</div class="tagcolor" style="color:mediumblue">>
<div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="row row-cols-3"="tagcolor" style="color:mediumblue">>
  <div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col"="tagcolor" style="color:mediumblue">>1 of 6</div</pre>
class="tagcolor" style="color:mediumblue">>
  <div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col"="tagcolor" style="color:mediumblue">>2 of 6</div</pre>
class="tagcolor" style="color:mediumblue">>
  <div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col"="tagcolor" style="color:mediumblue">>3 of 6</div</pre>
class="tagcolor" style="color:mediumblue">>
  <div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col"="tagcolor" style="color:mediumblue">>4 of 6</div</pre>
class="tagcolor" style="color:mediumblue">>
  <div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col"="tagcolor" style="color:mediumblue">>5 of 6</div</pre>
class="tagcolor" style="color:mediumblue">>
  <div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col"="tagcolor" style="color:mediumblue">>6 of 6</div</pre>
class="tagcolor" style="color:mediumblue">>
</div class="tagcolor" style="color:mediumblue">>
```

More Unequal Columns

1 of 2				2 of 2		
1 of 4	2 of 4	3 of 4	4 of 4			
1 of 4		2 of 4			3 of 4	4 of 4

```
<!-- Two Unequal Columns -->
<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-8"="tagcolor" style="color:mediumblue">>1 of 2</div</pre>
class="tagcolor" style="color:mediumblue">>
  <div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col-4"="tagcolor" style="color:mediumblue">>2 of 2</div</pre>
class="tagcolor" style="color:mediumblue">>
</div class="tagcolor" style="color:mediumblue">>
<!-- Four Unequal Columns -->
<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-2"="tagcolor" style="color:mediumblue">>1 of 4</div</pre>
class="tagcolor" style="color:mediumblue">>
  <div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col-2"="tagcolor" style="color:mediumblue">>2 of 4</div</pre>
class="tagcolor" style="color:mediumblue">>
  <div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col-2"="tagcolor" style="color:mediumblue">>3 of 4</div</pre>
class="tagcolor" style="color:mediumblue">>
  <div class="attributecolor" style="color:red"> class="attributevaluecolor"
```

```
style="color:mediumblue">="col-6"="tagcolor" style="color:mediumblue">>4 of 4</div</pre>
class="tagcolor" style="color:mediumblue">>
</div class="tagcolor" style="color:mediumblue">>
<!-- Setting two column widths -->
<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-4"="tagcolor" style="color:mediumblue">>1 of 4</div</pre>
class="tagcolor" style="color:mediumblue">>
  <div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col-6"="tagcolor" style="color:mediumblue">>2 of 4</div</pre>
class="tagcolor" style="color:mediumblue">>
  <div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col"="tagcolor" style="color:mediumblue">>3 of 4</div</pre>
class="tagcolor" style="color:mediumblue">>
  <div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col"="tagcolor" style="color:mediumblue">>4 of 4</div</pre>
class="tagcolor" style="color:mediumblue">>
</div class="tagcolor" style="color:mediumblue">>
```

Equal Height

If one of the column is taller than the other (due to text or CSS height), the rest will follow:

Lorem ipsum dolor sit amet, cibo sensibus interesset no sit. Et dolor possim volutpat qui. No malis tollit iriure eam, et vel tale zril blandit, rebum vidisse nostrum qui eu. No

nostrud dolorem legendos mea, ea eum mucius oporteat platonem.Eam an case scribentur, ei clita causae cum, alia debet eu vel.

Example

Try it Yourself »

Nested Columns



The following example shows how to create a two column layout, with another two columns inside one of the columns:

Example

```
<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-8"="tagcolor" style="color:mediumblue">>
    .col-8
    <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-6"="tagcolor" style="color:mediumblue">>.col-6</div</pre>
class="tagcolor" style="color:mediumblue">>
      <div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col-6"="tagcolor" style="color:mediumblue">>.col-6</div</pre>
class="tagcolor" style="color:mediumblue">>
    </div class="tagcolor" style="color:mediumblue">>
  </div class="tagcolor" style="color:mediumblue">>
  <div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col-4"="tagcolor" style="color:mediumblue">>.col-4</div</pre>
class="tagcolor" style="color:mediumblue">>
</div class="tagcolor" style="color:mediumblue">>
```

Try it Yourself »

Responsive Classes

The Bootstrap 4 grid system has five classes:

- .col- (extra small devices screen width less than 576px)
- .col-sm- (small devices screen width equal to or greater than 576px)

- .col-md- (medium devices screen width equal to or greater than 768px)
- .col-lq- (large devices screen width equal to or greater than 992px)
- .col-xl- (xlarge devices screen width equal to or greater than 1200px)

The classes above can be combined to create more dynamic and flexible layouts.

Tip: Each class scales up, so if you wish to set the same widths for sm and md, you only need to specify sm.

Stacked to Horizontal



The following example shows how to create a column layout that starts out stacked on extra small devices, before becoming horizontal on larger devices (sm, md, lg and xl):

Mix and Match

```
col-6 col-sm-9

col-6 col-sm-3

col-7 col-lg-8

col-5 col-lg-4

col-sm-3 col-md-6 col-lg-4
```

```
style="color:mediumblue">>
  <div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col-6 col-sm-3"="tagcolor"
style="color:mediumblue">>col-6 col-sm-3</div class="tagcolor"
style="color:mediumblue">>
</div class="tagcolor" style="color:mediumblue">>
<!-- 58%/42% split on extra small, small and medium devices and 66.3%/33.3% split
on large and xlarge devices -->
<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-7 col-lq-8"="tagcolor"
style="color:mediumblue">>col-7 col-1q-8</div class="tagcolor"
style="color:mediumblue">>
  <div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col-5 col-lq-4"="tagcolor"
style="color:mediumblue">>col-5 col-lg-4</div class="tagcolor"
style="color:mediumblue">>
</div class="tagcolor" style="color:mediumblue">>
<!--25\%/75\% split on small devices, a 50%/50% split on medium devices, and a
33%/66% split on large and xlarge devices. On extra small devices, it will
automatically stack (100%) -->
<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-3 col-md-6 col-lq-4"="tagcolor"
style="color:mediumblue">>col-sm-3 col-md-6 col-lq-4</div class="tagcolor"
style="color:mediumblue">>
  <div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="col-sm-9 col-md-6 col-lg-8"="tagcolor"
style="color:mediumblue">>col-sm-9 col-md-6 col-lg-8</div class="tagcolor"
style="color:mediumblue">>
</div class="tagcolor" style="color:mediumblue">>
```

No Gutters

Add the .no-gutters class to the .row container to remove gutters (extra space):

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudantium, totam rem aperiam, eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae vitae dicta sunt explicabo.

Example

<div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="row no-gutters"="tagcolor" style="color:mediumblue">>

Try it Yourself »

∢ Previous

Log in to track progress

Next >

ADVERTISEMENT



SPACES LIPGRADE NEWSLETTER GET CERTIFIED REPORT FRROM









W3Schools is optimized for learning and training. Examples might be simplified to improve reading and learning. Tutorials, references, and examples are constantly reviewed to avoid errors, but we cannot warrant full correctness of all content. While using W3Schools, you agree to have read and accepted our terms of use, cookie and privacy policy.

Copyright 1999-2023 by Refsnes Data. All Rights Reserved. W3Schools is Powered by W3.CSS.