

Bootstrap

Grid System and Flexbox



Resources

Code: <https://github.com/robertosequeira/bootstrap-grid-overview>

Demo: <https://robertosequeira.github.io/bootstrap-grid-overview>



Containers

This is the most basic grid component and works as a wrapper for other elements

```
<div class="container"></div>
```

```
<div class="container-fluid"></div>
```



Media queries

Bootstrap uses media queries in order to adapt to different devices

```
// Extra small devices (portrait phones, less than 576px)
// No media query since this is the default in Bootstrap

// Small devices (landscape phones, 576px and up)
@media (min-width: 576px) { ... }

// Medium devices (tablets, 768px and up)
@media (min-width: 768px) { ... }

// Large devices (desktops, 992px and up)
@media (min-width: 992px) { ... }

// Extra large devices (large desktops, 1200px and up)
@media (min-width: 1200px) { ... }
```

```
$grid-breakpoints: (
  xs: 0,
  sm: 576px,
  md: 768px,
  lg: 992px,
  xl: 1200px
) !default;
```



Columns

Grid is based in a 12 columns system

- Equal width
- Responsive breakpoints
- Offset

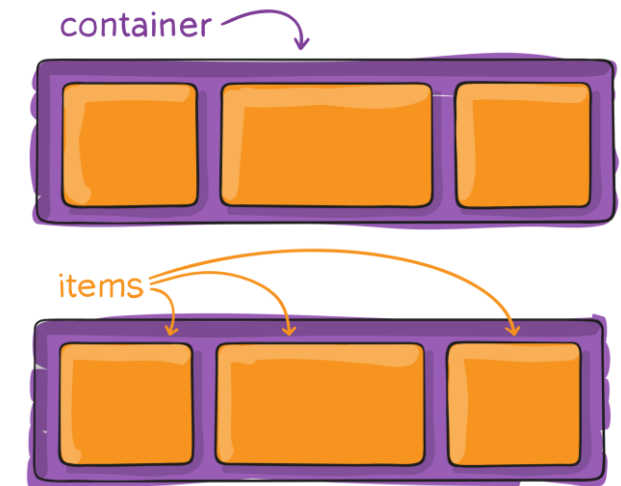
EXAMPLE

.col-xs-1	.col-xs-1	.col-xs-1	.col-xs-1	.col-xs-1	.col-xs-1	.col-xs-1	.col-xs-1	.col-xs-1	.col-xs-1	.col-xs-1	.col-xs-1
.col-xs-2		.col-xs-3				.col-xs-7					
.col-xs-4				.col-xs-4				.col-xs-4			
.col-xs-5					.col-xs-7						
.col-xs-6						.col-xs-6					
.col-xs-12											



Flex

- Direction
- Justify content
- Align items



For reference

Bootstrap

<https://getbootstrap.com/docs/4.5/layout/overview/>

<https://getbootstrap.com/docs/4.5/layout/grid/>

<https://getbootstrap.com/docs/4.5/utilities/flex/>

Flexbox (Make sure you review this)

<https://css-tricks.com/snippets/css/a-guide-to-flexbox/>

Repository

Code: <https://github.com/robertosequeira/bootstrap-grid-overview>

Live demo: <https://robertosequeira.github.io/bootstrap-grid-overview>

