

Bootstrap 4 Tutorial

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Bootstrap 4 Containers

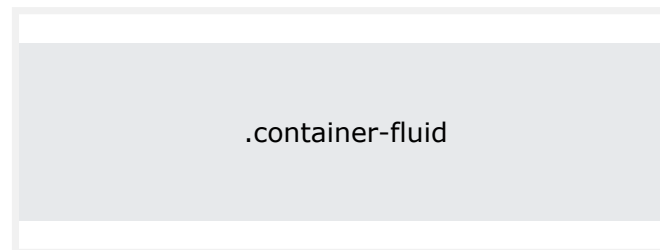
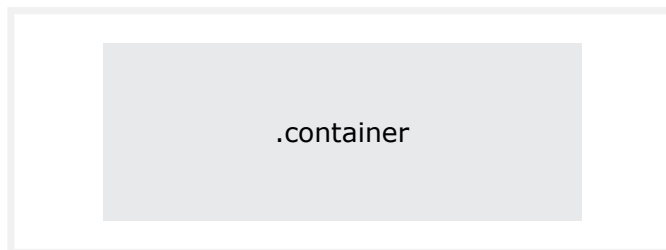
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Containers

You learned from the previous chapter that Bootstrap requires a containing element to wrap site contents.

Containers are used to pad the content inside of them, and there are two container classes available:

1. The `.container` class provides a responsive **fixed width container**
2. The `.container-fluid` class provides a **full width container**, spanning the entire width of the viewport



Fixed Container

Use the `.container` class to create a responsive, fixed-width container.

Note that its width (`max-width`) will change on different screen sizes:

| | Extra small <576px | Small ≥576px | Medium ≥768px | Large ≥992px | Extra large ≥1200px |
|-----------|--|-------------------------------|--------------------------------|-------------------------------|--------------------------------------|
| max-width | 100% | 540px | 720px | 960px | 1140px |

Open the example below and resize the browser window to see that the container width will change at different breakpoints:

Example

```
<div class="attribute" style="color:red"> class="attributevalue" style="color:mediumblue">
  <h1 class="tag" style="color:mediumblue">My First Bootstrap Page</h1>
  <p class="tag" style="color:mediumblue">This is some text.</p>
</div>
```

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Fluid Container

Use the `.container-fluid` class to create a full width container, that will always span the entire width of the screen (`width` is always `100%`):

Example

COLOR
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```
<div class="attribute" style="color:red"> class="attributevalue"
style="color:mediumblue">=<tagcolor" style="color:mediumblue">>
  <h1 class="tagcolor" style="color:mediumblue">>My First Bootstrap Page</h1
class="tagcolor" style="color:mediumblue">>
  <p class="tagcolor" style="color:mediumblue">>This is some text.</p
class="tagcolor" style="color:mediumblue">>
</div class="tagcolor" style="color:mediumblue">>
```

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Container Padding

By default, containers have 15px left and right padding, with no top or bottom padding. Therefore, we often use **spacing utilities**, such as extra padding and margins to make them look even better. For example, `.pt-3` means "add a top padding of 16px":

Example

```
<div class="attribute" style="color:red"> class="attributevalue"
style="color:mediumblue">=<tagcolor" style="color:mediumblue">>
  <div class="tagcolor" style="color:mediumblue">>
```

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You will learn much more about spacing utilities, in our [BS4 Utilities Chapter](#).

Container Border and Color

Other utilities, such as borders and colors, are also often used together with containers:

Example

My First Bootstrap Page

This container has a border and some extra padding and margins.

My First Bootstrap Page

This container has a dark background color and a white text, and some extra padding and margins.

My First Bootstrap Page

This container has a blue background color and a white text, and some extra padding and margins.

```
<div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="container p-3 my-3 border"="tagcolor"
```

```
style="color:mediumblue">></div class="tagcolor" style="color:mediumblue">>

<div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="container p-3 my-3 bg-dark text-white"="tagcolor"
style="color:mediumblue">></div class="tagcolor" style="color:mediumblue">>

<div class="attributecolor" style="color:red"> class="attributevaluecolor"
style="color:mediumblue">="container p-3 my-3 bg-primary text-white"="tagcolor"
style="color:mediumblue">></div class="tagcolor" style="color:mediumblue">>
```

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You will learn much more about colors and border utilities, in our [BS4 Colors Chapter](#) and [BS4 Utilities Chapter](#).

Responsive Containers

You can also use the `.container-sm|md|lg|xl` classes to create responsive containers.

The `max-width` of the container will change on different screen sizes/viewports:

| Class | Extra small <576px | Small ≥576px | Medium ≥768px | Large ≥992px | Extra large ≥1200px |
|----------------------------|-----------------------|-----------------|------------------|-----------------|------------------------|
| <code>.container-sm</code> | 100% | 540px | 720px | 960px | 1140px |
| <code>.container-md</code> | 100% | 100% | 720px | 960px | 1140px |
| <code>.container-lg</code> | 100% | 100% | 100% | 960px | 1140px |

.container-xl

100%

100%

100%

100%

1140px

Example

```
<div class="attribute" style="color:red"> class="attributevalue"
style="color:mediumblue">".container-sm"=tagcolor"
style="color:mediumblue">>
<div class="attribute" style="color:red"> class="attributevalue"
style="color:mediumblue">".container-md"=tagcolor"
style="color:mediumblue">>
<div class="attribute" style="color:red"> class="attributevalue"
style="color:mediumblue">".container-lg"=tagcolor"
style="color:mediumblue">>
<div class="attribute" style="color:red"> class="attributevalue"
style="color:mediumblue">".container-xl"=tagcolor"
style="color:mediumblue">>
```

Try it Yourself »

Did You Know?

W3.CSS is an excellent alternative to Bootstrap 4.

W3.CSS is smaller, faster, and easier to use.

If you want to learn W3.CSS, go to our [W3.CSS Tutorial](#).

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