

PHP Bootstrap 5 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



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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	XXL ≥1400px
max-width	100%	540px	720px	960px	1140px	1320px

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

Example 1

```
<!DOCTYPE html>
<html lang="en">

<head>
  <title>Bootstrap Example</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.
css" rel="stylesheet">
  <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle
.min.js"></script>
  <style>
    #a1 {
      background-color: aquamarine;
    }
  </style>
</head>

<body>

  <div class="container">
    <h1>My First Bootstrap Page</h1>
    <p id="a1">This part is inside a .container class.</p>
    <p>The .container class provides a responsive fixed width
container.</p>
    <p>Resize the browser window to see that the container width will
change at different breakpoints.</p>

  </div>

</body>

</html>
```

Result

My First Bootstrap Page

This part is inside a .container class.

The .container class provides a responsive fixed width container.

Resize the browser window to see that the container width will change at different breakpoints.

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 2

```
<!DOCTYPE html>
<html lang="en">

<head>
  <title>Bootstrap Example</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.
css" rel="stylesheet">
  <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle
.min.js"></script>
  <style>
    #a1 {
      background-color: aquamarine;
    }
  </style>
</head>

<body>

  <div class="container-fluid">
    <h1>My First Bootstrap Page</h1>
    <p id="a1">This part is inside a .container-fluid class.</p>
    <p>The .container-fluid class provides a full width container,
spanning the entire width of the viewport.</p>
  </div>

</body>

</html>
```

Result

My First Bootstrap Page

This part is inside a `.container-fluid` class.

The `.container-fluid` class provides a full width container, spanning the entire width of the viewport.

Container Padding

By default, containers have 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-5` means "add a large top padding":

```
<div class="container pt-5"></div>
```

Example 3

```
<!DOCTYPE html>
<html lang="en">

<head>
  <title>Bootstrap Example</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.
css" rel="stylesheet">
  <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle
.min.js"></script>
</head>

<body>

  <div class="container pt-5">
    <h1>My First Bootstrap Page</h1>
    <p>This container has an extra top padding.</p>
    <p>Try to remove the .pt-5 class to see the difference.</p>
  </div>

</body>

</html>
```

Result

My First Bootstrap Page

This container has an extra top padding.

Try to remove the .pt-5 class to see the difference.

Container Border and Color

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

Example 4

```
<!DOCTYPE html>
<html lang="en">

<head>
  <title>Bootstrap Example</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.
css" rel="stylesheet">
  <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle
.min.js"></script>
</head>

<body>

  <div class="container p-5 my-5 border">
    <h1>My First Bootstrap Page</h1>
    <p>This container has a border and some extra padding and margins.
</p>
  </div>

  <div class="container p-5 my-5 bg-dark text-white">
    <h1>My First Bootstrap Page</h1>
    <p>This container has a dark background color and a white text,
and some extra padding and margins.</p>
  </div>

  <div class="container p-5 my-5 bg-primary text-white">
    <h1>My First Bootstrap Page</h1>
    <p>This container has a blue background color and a white text,
and some extra padding and margins.</p>
  </div>
```

```
</div>  
  
</body>  
  
</html>
```

Result

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.

Responsive Containers

You can also use the `.container-sm|md|lg|xl` classes to determine when the container should be responsive.

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	XXL ≥1400px
<code>.container-sm</code>	100%	540px	720px	960px	1140px	1320px
<code>.container-md</code>	100%	100%	720px	960px	1140px	1320px
<code>.container-lg</code>	100%	100%	100%	960px	1140px	1320px
<code>.container-xl</code>	100%	100%	100%	100%	1140px	1320px
<code>.container-xxl</code>	100%	100%	100%	100%	100%	1320px

```

<div class="container-sm">.container-sm</div>
<div class="container-md">.container-md</div>
<div class="container-lg">.container-lg</div>
<div class="container-xl">.container-xl</div>
<div class="container-xxl">.container-xxl</div>

```

Example 5

```

<!DOCTYPE html>
<html lang="en">

<head>
  <title>Bootstrap Example</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.
css" rel="stylesheet">
  <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle
.min.js"></script>
</head>

<body>

  <div class="container pt-3">
    <h1>Responsive Containers</h1>
    <p>Resize the browser window to see the effect.</p>
  </div>

  <div class="container-sm border">.container-sm</div>
  <div class="container-md mt-3 border">.container-md</div>
  <div class="container-lg mt-3 border">.container-lg</div>
  <div class="container-xl mt-3 border">.container-xl</div>
  <div class="container-xxl mt-3 border">.container-xxl</div>

</body>

```

```
</html>
```

Result

Responsive Containers

Resize the browser window to see the effect.

```
.container-sm
```

```
.container-md
```

```
.container-lg
```

```
.container-xl
```

```
.container-xxl
```

Document

Document in project

You can [Download PDF](#) file.

Refference