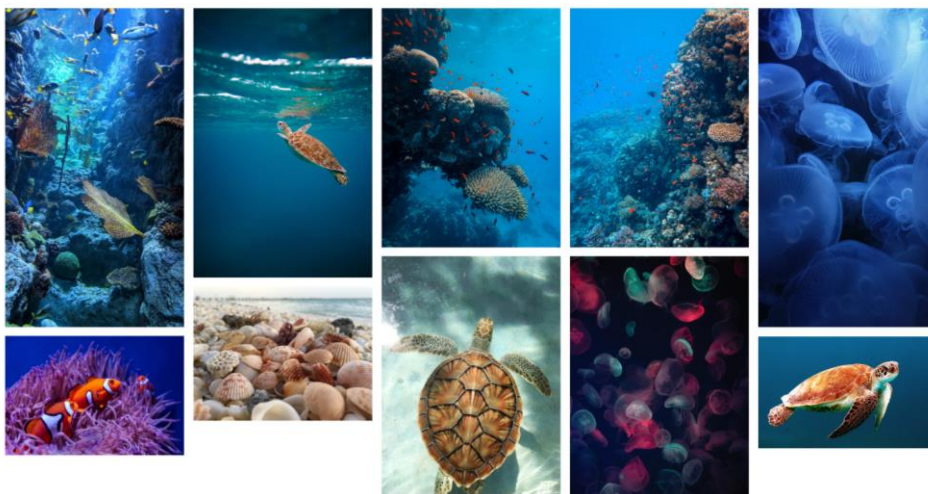# Bootstrap Image Gallery

With [bootstrap](#), you can create your own bootstrap image gallery with very little effort.

The steps to create a simple image gallery are mentioned below.

1. Add bootstrap CSS CDN to your webpage so that it can use the features of bootstrap.
2. Create a container with the class container-fluid to keep our gallery images and other components inside it.
3. Now add a heading and basic paragraphs for your gallery.
4. Now there will be a big container that will hold a small container each having 2 images. So first create a bigger container by creating a [div element](#) and making it a [flexbox](#) container using bootstrap classes.
   - Apply d-flex class to define it a flex container
   - Add flex-wrap class for image blocks to wrap to next line if overflows
   - Put these image blocks in the horizontal center of the webpage by justify-content-center class
5. Now create the smaller container inside the bigger container. There will be multiple small containers each having 2 images.
6. Makes images of smaller containers align in columns by using d-flex and flex-column classes.

Example-

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

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css">
  <title>Bootstrap - Image gallery 1</title>
  <style>
    .flex-column {
      max-width: 250px;
    }

    img {
      margin: 6px;
    }
  </style>
</head>

<body>
  <div class="container-fluid">
    <h1 class="text-center">Wonderful Oceans And Life Within</h1>
    <p class="text-center">The oceans cover more than 70 per cent of the
Earth's surface and the majority of life on Earth is aquatic.</p>
    <div class="d-flex flex-wrap justify-content-center">
      <div class="d-flex flex-column">
        <img class="img-fluid" src="https://images.unsplash.com/photo-
1580019542155-
247062e19ce4?ixid=MnwxMjA3fDB8MHxzZWFyY2h8MXx8c2VhJTIwbGlmZXxlbnwwfHwwfHw%3D&i
xlib=rb-1.2.1&auto=format&fit=crop&w=700&q=60">
        <img class="img-fluid" src="https://images.unsplash.com/photo-
1596414086775-
3e321ab08f36?ixid=MnwxMjA3fDB8MHxzZWFyY2h8N3x8c2VhJTIwbGlmZXxlbnwwfHwwfHw%3D&i
xlib=rb-1.2.1&auto=format&fit=crop&w=700&q=60">
      </div>

      <div class="d-flex flex-column">
        <img class="img-fluid" src="https://images.unsplash.com/photo-
1591025207163-
942350e47db2?ixid=MnwxMjA3fDB8MHxzZWFyY2h8Mjd8fHNlYSUyMGxpZmV8ZW58MHx8MHx8&ixl
ib=rb-1.2.1&auto=format&fit=crop&w=500&q=60">
        <img class="img-fluid" src="https://images.unsplash.com/photo-
1572720350370-
8080412fc75b?ixid=MnwxMjA3fDB8MHxzZWFyY2h8NHx8c2VhJTIwbGlmZXxlbnwwfHwwfHw%3D&i
xlib=rb-1.2.1&auto=format&fit=crop&w=700&q=60">
```

```html
      </div>

      <div class="d-flex flex-column">
        <img class="img-fluid" src="https://images.unsplash.com/photo-
1582967788606-
a171c1080cb0?ixid=MnwxMjA3fDB8MHxzZWFyY2h8M3x8c2VhJTIwbGlmZXXlbnwwfHwwfHw%3D&i
xlib=rb-1.2.1&auto=format&fit=crop&w=700&q=60">
        <img class="img-fluid" src="https://images.unsplash.com/photo-
1572713629470-
3e9f5d4fdf4c?ixid=MnwxMjA3fDB8MHxzZWFyY2h8Mnx8c2VhJTIwbGlmZXXlbnwwfHwwfHw%3D&i
xlib=rb-1.2.1&auto=format&fit=crop&w=700&q=60">
      </div>

      <div class="d-flex flex-column">
        <img class="img-fluid" src="https://images.unsplash.com/photo-
1572685165919-
360a1322f41e?ixid=MnwxMjA3fDB8MHxzZWFyY2h8MTF8fHNlYSUyMGxpZmV8ZW58MHx8MHx8&ixl
ib=rb-1.2.1&auto=format&fit=crop&w=700&q=60">
        <img class="img-fluid" src="https://images.unsplash.com/photo-
1559291001-
693fb9166cba?ixid=MnwxMjA3fDB8MHxzZWFyY2h8MTZ8fHNlYSUyMGxpZmV8ZW58MHx8MHx8&ixl
ib=rb-1.2.1&auto=format&fit=crop&w=700&q=60">
      </div>

      <div class="d-flex flex-column">
        <img class="img-fluid" src="https://images.unsplash.com/photo-
1570368294249-
55d0da1c69fd?ixid=MnwxMjA3fDB8MHxzZWFyY2h8MjV8fHNlYSUyMGxpZmV8ZW58MHx8MHx8&ixl
ib=rb-1.2.1&auto=format&fit=crop&w=500&q=60">
        <img class="img-fluid" src="https://images.unsplash.com/photo-
1437622368342-
7a3d73a34c8f?ixid=MnwxMjA3fDB8MHxzZWFyY2h8MjJ8fHNlYSUyMGxpZmV8ZW58MHx8MHx8&ixl
ib=rb-1.2.1&auto=format&fit=crop&w=500&q=60">
      </div>
    </div>
  </div>

  <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js"></script>
  <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/popper.min.js
"></script>
  <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js"></sc
ript>
</body>

</html>
```
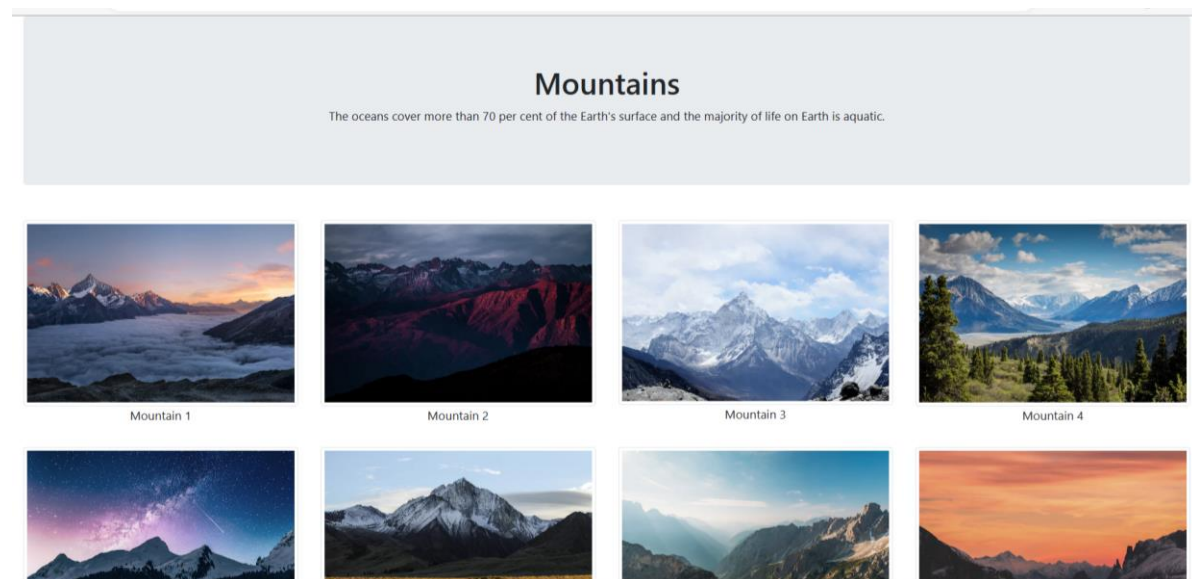
Let's create another responsive image gallary using bootstrap. We will use [bootstrap grids](#) to create this gallery.

Each grid contains a figure element, which has an image and its caption. Here is how the gallery looks.

1. For the bootstrap feature first, add CSS CDN to the webpage
2. Create a container with class container-fluid to cover the full width of the webpage.
3. Create a container with class jumbotron for Gallary heading and extra information
4. Now we will have a row container which will have column cells that will have a span of 12 for extra smaller devices, 6 for smaller devices, 4 for medium devices, and 3 for large or extra-large devices. And each of these cells contains a figure element with an image and figure caption inside it.
5. So create a div container with the class row.
6. Inside row create cells with class col-sm-6, col-md-4, and col-lg-3.
7. Now each of these cells contains a figure element with an image inside having class img-thumbnail and grayscale.
8. Add CSS filter property for grayscale class so that it has `filter: grayscale(50%)` when the mouse is over the image.

Example-

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

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css">
  <title>Bootstrap - Image gallery 2</title>
  <style>
    figure {
      margin: 15px 0;
    }

    figcaption {
      text-align: center;
    }

    .grayscale {
      filter: grayscale(0);
    }

    .grayscale:hover {
      filter: grayscale(50%);
    }
  </style>
</head>

<body>
  <div class="container-fluid">

    <div class="jumbotron">
      <h1 class="text-center">Mountains</h1>
      <p class="text-center">The oceans cover more than 70 per cent of the
Earth's surface and the majority of life on
        Earth is aquatic.</p>
    </div>

    <div class="row">
      <div class="col-sm-6 col-md-4 col-lg-3">
        <figure>
          <img src="https://images.unsplash.com/photo-1506905925346-
21bda4d32df4?ixid=MnwxMjA3fDB8MHxzZWFyY2h8Mnx8bW91bnRhaW5zfGVufDB8fDB8fA%3D%3D
&ixlib=rb-1.2.1&auto=format&fit=crop&w=700&q=60" class="img-thumbnail
grayscale">
          <figcaption>Mountain 1</figcaption>
```

```html
        </figure>
      </div>
      <div class="col-sm-6 col-md-4 col-lg-3">
        <figure>
          <img src="https://images.unsplash.com/photo-1477346611705-
65d1883cee1e?ixid=MnwxMjA3fDB8MHxzZWFyY2h8M3x8bW91bnRhaW5zfGVufDB8fDB8fA%3D%3D
&ixlib=rb-1.2.1&auto=format&fit=crop&w=700&q=60" class="img-thumbnail
grayscale">
          <figcaption>Mountain 2</figcaption>
        </figure>
      </div>
      <div class="col-sm-6 col-md-4 col-lg-3">
        <figure>
          <img src="https://images.unsplash.com/photo-1454496522488-
7a8e488e8606?ixid=MnwxMjA3fDB8MHxzZWFyY2h8NHx8bW91bnRhaW5zfGVufDB8fDB8fA%3D%3D
&ixlib=rb-1.2.1&auto=format&fit=crop&w=700&q=60" class="img-thumbnail
grayscale">
          <figcaption>Mountain 3</figcaption>
        </figure>
      </div>
      <div class="col-sm-6 col-md-4 col-lg-3">
        <figure>
          <img src="https://images.unsplash.com/photo-1464822759023-
fed622ff2c3b?ixid=MnwxMjA3fDB8MHxzZWFyY2h8Nnx8bW91bnRhaW5zfGVufDB8fDB8fA%3D%3D
&ixlib=rb-1.2.1&auto=format&fit=crop&w=700&q=60" class="img-thumbnail
grayscale">
          <figcaption>Mountain 4</figcaption>
        </figure>
      </div>
      <div class="col-sm-6 col-md-4 col-lg-3">
        <figure>
          <img src="https://images.unsplash.com/photo-1519681393784-
d120267933ba?ixid=MnwxMjA3fDB8MHxzZWFyY2h8N3x8bW91bnRhaW5zfGVufDB8fDB8fA%3D%3D
&ixlib=rb-1.2.1&auto=format&fit=crop&w=700&q=60" class="img-thumbnail
grayscale">
          <figcaption>Mountain 5</figcaption>
        </figure>
      </div>
      <div class="col-sm-6 col-md-4 col-lg-3">
        <figure>
          <img src="https://images.unsplash.com/photo-1486870591958-
9b9d0d1dda99?ixid=MnwxMjA3fDB8MHxzZWFyY2h8OHx8bW91bnRhaW5zfGVufDB8fDB8fA%3D%3D
&ixlib=rb-1.2.1&auto=format&fit=crop&w=700&q=60" class="img-thumbnail
grayscale">
          <figcaption>Mountain 6</figcaption>
        </figure>
      </div>
      <div class="col-sm-6 col-md-4 col-lg-3">
```

```html
        <figure>
          <img src="https://images.unsplash.com/photo-1434394354979-a235cd36269d?ixid=MnwxMjA3fDB8MHxzZWFyY2h8MTB8fG1vdW50YWluc3xlbnwwfHwwfHw%3D&ixlib=rb-1.2.1&auto=format&fit=crop&w=700&q=60" class="img-thumbnail grayscale">
          <figcaption>Mountain 7</figcaption>
        </figure>
      </div>
      <div class="col-sm-6 col-md-4 col-lg-3">
        <figure>
          <img src="https://images.unsplash.com/photo-1485160497022-3e09382fb310?ixid=MnwxMjA3fDB8MHxzZWFyY2h8MTR8fG1vdW50YWluc3xlbnwwfHwwfHw%3D&ixlib=rb-1.2.1&auto=format&fit=crop&w=700&q=60" class="img-thumbnail grayscale">
          <figcaption>Mountain 8</figcaption>
        </figure>
      </div>
      <div class="col-sm-6 col-md-4 col-lg-3">
        <figure>
          <img src="https://images.unsplash.com/photo-1491904768633-2b7e3e7fede5?ixid=MnwxMjA3fDB8MHxzZWFyY2h8MTV8fG1vdW50YWluc3xlbnwwfHwwfHw%3D&ixlib=rb-1.2.1&auto=format&fit=crop&w=700&q=60" class="img-thumbnail grayscale">
          <figcaption>Mountain 9</figcaption>
        </figure>
      </div>
      <div class="col-sm-6 col-md-4 col-lg-3">
        <figure>
          <img src="https://images.unsplash.com/photo-1458668383970-8ddd3927deed?ixid=MnwxMjA3fDB8MHxzZWFyY2h8MTh8fG1vdW50YWluc3xlbnwwfHwwfHw%3D&ixlib=rb-1.2.1&auto=format&fit=crop&w=700&q=60" class="img-thumbnail grayscale">
          <figcaption>Mountain 10</figcaption>
        </figure>
      </div>
      <div class="col-sm-6 col-md-4 col-lg-3">
        <figure>
          <img src="https://images.unsplash.com/photo-1540390769625-2fc3f8b1d50c?ixid=MnwxMjA3fDB8MHxzZWFyY2h8MjB8fG1vdW50YWluc3xlbnwwfHwwfHw%3D&ixlib=rb-1.2.1&auto=format&fit=crop&w=700&q=60" class="img-thumbnail grayscale">
          <figcaption>Mountain 11</figcaption>
        </figure>
      </div>
      <div class="col-sm-6 col-md-4 col-lg-3">
        <figure>
          <img src="https://images.unsplash.com/photo-1464278533981-50106e6176b1?ixid=MnwxMjA3fDB8MHxzZWFyY2h8MjJ8fG1vdW50YWluc3xlbnwwfHwwfHw%3D&i
```
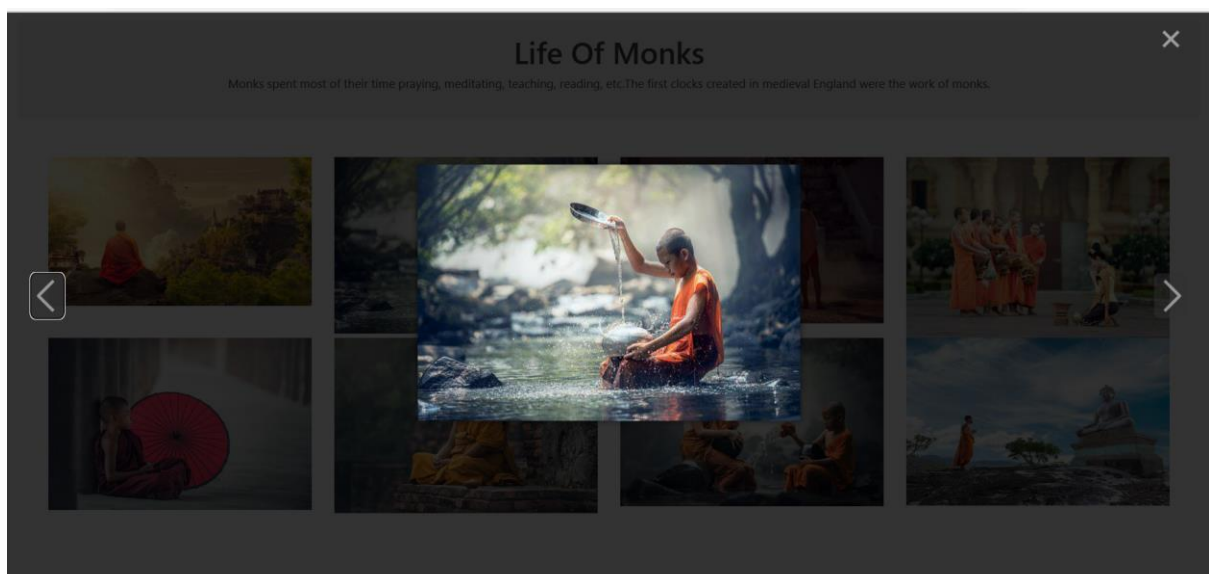
```
xlib=rb-1.2.1&auto=format&fit=crop&w=700&q=60" class="img-thumbnail
grayscale">
          <figcaption>Mountain 12</figcaption>
        </figure>
      </div>
    </div>
  </div>

</body>

</html>
```

Now we will create a responsive image gallary with image slider using bootstrap and baguetteBox javascript library.

Each grid contains an image, which when clicked opens the image slider with the current image. You can slide the next and previous images in the slider.

1. First, add bootstrap's and baguetteBox's CSS and JS CDN to the webpage
2. Create a container with class container-fluid which will be a container for headings and image gallery.
3. Now create a div element with class jumbotron for gallery heading and page description

4. There will be a row container with columns with classes col-sm-6, col-md-4, and col-lg-3 so that we can have different rows of images on different devices.
5. Now within each cell create an anchor tag and put your image inside it, also give the same URL of the image to the anchor tag.
6. Add CSS basic CSS styles and call the function `baguetteBox.run()` with the class of your image container.

Example-

```html
<!DOCTYPE html>
<html>

  <head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/twitter-bootstrap/4.0.0-
alpha.4/css/bootstrap.min.css">
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/baguettebox.js/1.11.1/baguetteBox
.min.css">
    <title>Bootstrap Image Gallery 3</title>
    <style>
      .jumbotron {
        text-align: center;
        padding: 20px;
        margin: 10px 0;
      }

      .gallery {
        padding: 40px;
      }

      .gallery img {
        width: 100%;
        border-radius: 0;
        position: relative;
      }
    </style>
  </head>

  <body>
  <div class="container-fluid">
    <div class="jumbotron">
```

```html
        <h1>Life Of Monks</h1>
        <p>Monks spent most of their time praying, meditating, teaching,
reading, etc.The first clocks created in medieval England were the work of
monks.</p>
    </div>

    <div class="row gallery">
       <div class="col-sm-6 col-md-4 col-lg-3">
         <a href="https://cdn.pixabay.com/photo/2017/04/08/22/26/buddhism-
2214532__480.jpg">
           <img class="img-
fluid"src="https://cdn.pixabay.com/photo/2017/04/08/22/26/buddhism-
2214532__480.jpg">
         </a>
       </div>
       <div class="col-sm-6 col-md-4 col-lg-3">
         <a href="https://cdn.pixabay.com/photo/2016/11/08/05/16/boy-
1807518__340.jpg">
           <img class="img-
fluid"src="https://cdn.pixabay.com/photo/2016/11/08/05/16/boy-
1807518__340.jpg">
         </a>
       </div>
       <div class="col-sm-6 col-md-4 col-lg-3">
         <a href="https://cdn.pixabay.com/photo/2019/08/21/09/31/monk-
4420676__340.jpg">
           <img class="img-
fluid"src="https://cdn.pixabay.com/photo/2019/08/21/09/31/monk-
4420676__340.jpg">
         </a>
       </div>
       <div class="col-sm-6 col-md-4 col-lg-3">
         <a href="https://cdn.pixabay.com/photo/2016/11/14/04/14/monks-
1822569__340.jpg">
           <img class="img-
fluid"src="https://cdn.pixabay.com/photo/2016/11/14/04/14/monks-
1822569__340.jpg">
         </a>
       </div>
       <div class="col-sm-6 col-md-4 col-lg-3">
         <a href="https://cdn.pixabay.com/photo/2016/11/08/05/20/boy-
1807525__340.jpg">
           <img class="img-
fluid"src="https://cdn.pixabay.com/photo/2016/11/08/05/20/boy-
1807525__340.jpg">
         </a>
       </div>
       <div class="col-sm-6 col-md-4 col-lg-3">
```

```html
            <a href="https://cdn.pixabay.com/photo/2016/11/08/05/22/buddhist-
1807526__340.jpg">
                <img class="img-
fluid"src="https://cdn.pixabay.com/photo/2016/11/08/05/22/buddhist-
1807526__340.jpg">
            </a>
        </div>
        <div class="col-sm-6 col-md-4 col-lg-3">
            <a href="https://cdn.pixabay.com/photo/2016/11/03/04/02/boys-
1793421__340.jpg">
                <img class="img-
fluid"src="https://cdn.pixabay.com/photo/2016/11/03/04/02/boys-
1793421__340.jpg">
            </a>
        </div>
        <div class="col-sm-6 col-md-4 col-lg-3">
            <a href="https://cdn.pixabay.com/photo/2016/10/30/05/46/monk-
1782432__340.jpg">
                <img class="img-
fluid"src="https://cdn.pixabay.com/photo/2016/10/30/05/46/monk-
1782432__340.jpg">
            </a>
        </div>
    </div>
  </div>

  <script
src="https://cdnjs.cloudflare.com/ajax/libs/baguettebox.js/1.11.1/baguetteBox.
min.js"></script>
  <script>
    baguetteBox.run(".gallery", {
      animation: "slideIn"
    });
  </script>
  </body>

</html>
```