

# Bootstrap 5

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# O que é o Bootstrap?

Bootstrap é um framework gratuito de front-end para desenvolvimento web mais rápido e fácil.

O Bootstrap inclui modelos de design baseados em HTML e CSS para tipografia, formulários, botões, tabelas, navegação, modais, carrosséis de imagens e muitos outros, bem como plugins opcionais de JavaScript.

O Bootstrap também oferece a capacidade de criar designs responsivos com facilidade.

# Como utilizar? – Importe as bibliotecas

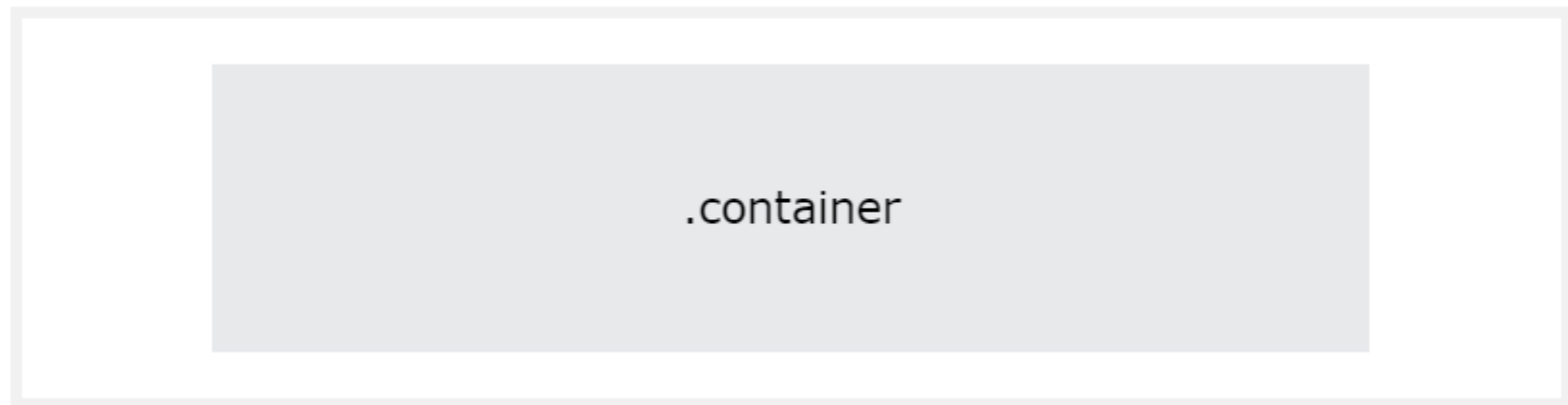
```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Bootstrap Example</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.min.css" rel="stylesheet">
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/js/bootstrap.bundle.min.js"></script>
</head>
<body>
  Importe o css e o Javascript!
</body>
</html>
```

# containers

- Os containers são usados para preencher o conteúdo dentro deles, e existem duas classes de container disponíveis:
- A classe **.container** fornece um container de largura fixa responsivo.
- A classe **.container-fluid** fornece um container de largura total, abrangendo toda a largura da viewport.

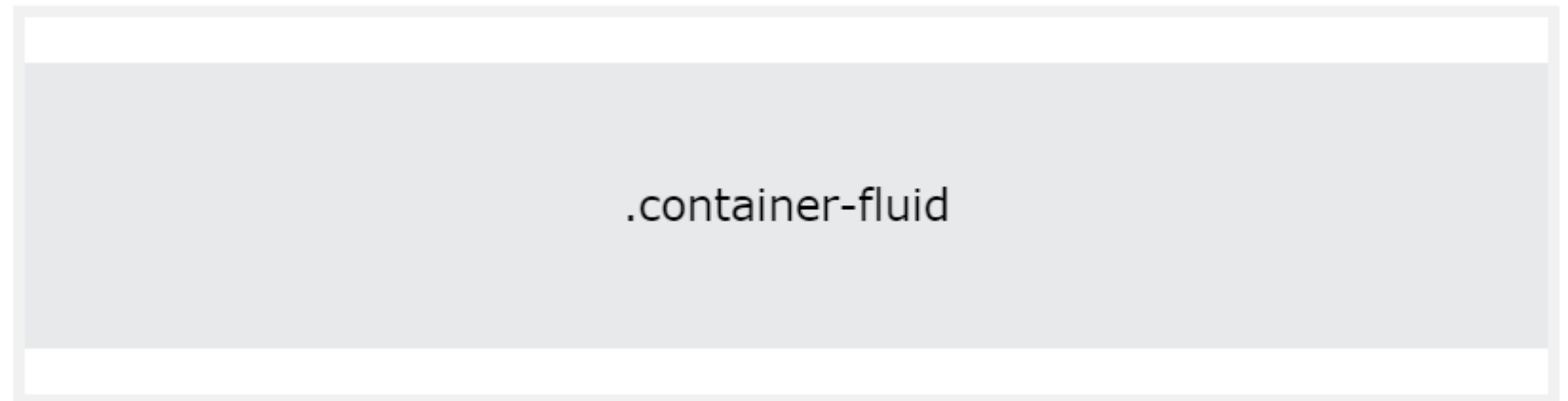
# Classe .container

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <title>Aula</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.min.css" rel="stylesheet">
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/js/bootstrap.bundle.min.js"></script>
</head>
<body>
  <div class="container">
    <h1>Ola mundo</h1>
    <p>Observe o alinhamento.</p>
  </div>
</body>
</html>
```



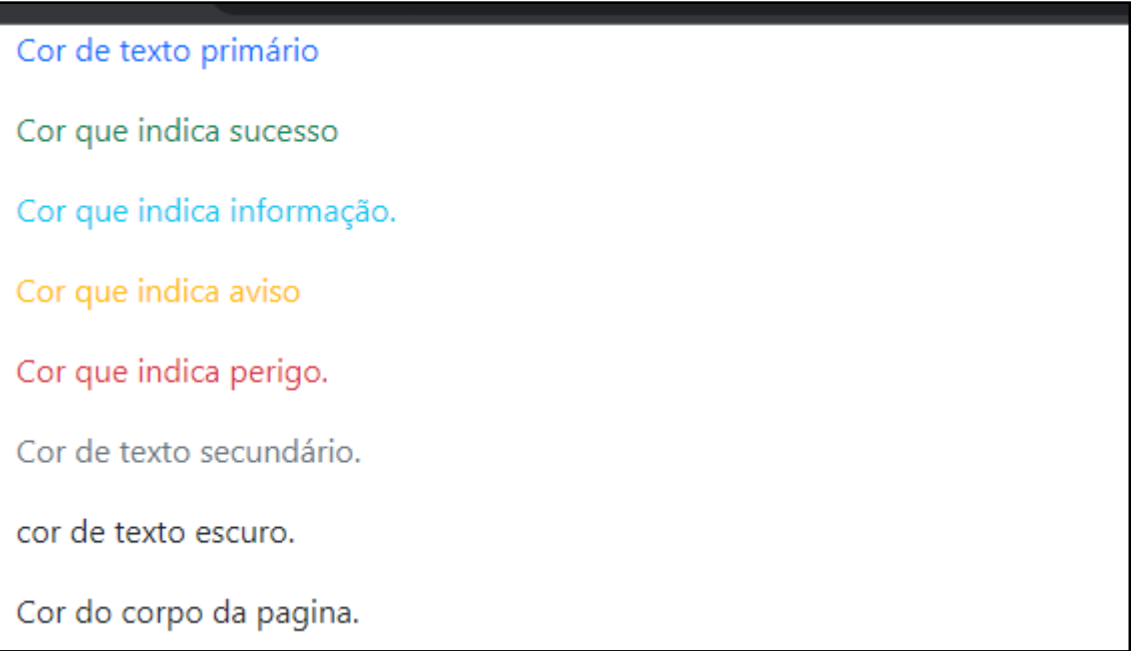
# Classe .container-fluid

```
<!DOCTYPE html>
<html lang="pt-br">
<head>
  <title>Aula</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.min.css" rel="stylesheet">
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/js/bootstrap.bundle.min.js"></script>
</head>
<body>
  <div class="container-fluid">
    <h1>Ola mundo</h1>
    <p>Observe o alinhamento.</p>
  </div>
</body>
</html>
```



# Cores de letras – Diversas classes

```
<!DOCTYPE html>
<head>
  <title>Aula</title>
  <meta charset="utf-8"><meta name="viewport" content="width=device-width, initial-scale=1">
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.min.css" rel="stylesheet">
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/js/bootstrap.bundle.min.js"></script>
</head>
<body>
<div class="container-fluid">
  <p class="text-primary">Cor de texto primário</p>
  <p class="text-success">Cor que indica sucesso</p>
  <p class="text-info">Cor que indica informação.</p>
  <p class="text-warning">Cor que indica aviso</p>
  <p class="text-danger">Cor que indica perigo.</p>
  <p class="text-secondary">Cor de texto secundário.</p>
  <p class="text-dark">cor de texto escuro.</p>
  <p class="text-body">Cor do corpo da pagina.</p>
</div>
</body>
</html>
```



Cor de texto primário

Cor que indica sucesso

Cor que indica informação.

Cor que indica aviso

Cor que indica perigo.

Cor de texto secundário.

cor de texto escuro.

Cor do corpo da pagina.

# Classe: .table

```
<body>
<div class="container">
  <table class="table">
    <thead>
      <tr>
        <th>Nome</th>
        <th>e-Mail</th>
      </tr>
    </thead>
    <tbody>
      <tr>
        <td>Helio</td>
        <td>helioesperidiao@gmail.com</td>
      </tr>
      <tr>
        <td>Ana</td>
        <td>Ana@ana.com</td>
      </tr>
      <tr>
        <td>Maria</td>
        <td>maria@maria.com</td>
      </tr>
    </tbody>
  </table>
</div>
</body>
```

Nome	e-Mail
Helio	helioesperidiao@gmail.com
Ana	Ana@ana.com
Maria	maria@maria.com



# Classe: **table table-striped**

```
<div class="container">
  <table class="table table-striped">
    <thead>
      <tr>
        <th>Nome</th>
        <th>e-Mail</th>
      </tr>
    </thead>
    <tbody>
      <tr>
        <td>Helio</td>
        <td>helioesperidiao@gmail.com</td>
      </tr>
      <tr>
        <td>Ana</td>
        <td>Ana@ana.com</td>
      </tr>
      <tr>
        <td>Maria</td>
        <td>maria@maria.com</td>
      </tr>
    </tbody>
  </table>
</div>
```

Nome	e-Mail
Helio	helioesperidiao@gmail.com
Ana	Ana@ana.com
Maria	maria@maria.com

Classe: **table table-dark**

Nome	e-Mail
Helio	helioesperidiao@gmail.com
Ana	Ana@ana.com
Maria	maria@maria.com

# Classes para imagens

```
<body>
```

```
<div class="container sm-3">
```

```

```

```

```

```

```

```
</div>
```

```
</body>
```



# Botoes

```
<div class="container mt-3">
```

```
  <button type="button" class="btn">Basic</button>
```

```
  <button type="button" class="btn btn-primary">Primary</button>
```

```
  <button type="button" class="btn btn-secondary">Secondary</button>
```

```
  <button type="button" class="btn btn-success">Success</button>
```

```
  <button type="button" class="btn btn-info">Info</button>
```

```
  <button type="button" class="btn btn-warning">Warning</button>
```

```
  <button type="button" class="btn btn-danger">Danger</button>
```

```
  <button type="button" class="btn btn-dark">Dark</button>
```

```
  <button type="button" class="btn btn-light">Light</button>
```

```
  <button type="button" class="btn btn-link">Link</button>
```

```
</div>
```

Basic

Primary

Secondary

Success

Info

Warning

Danger

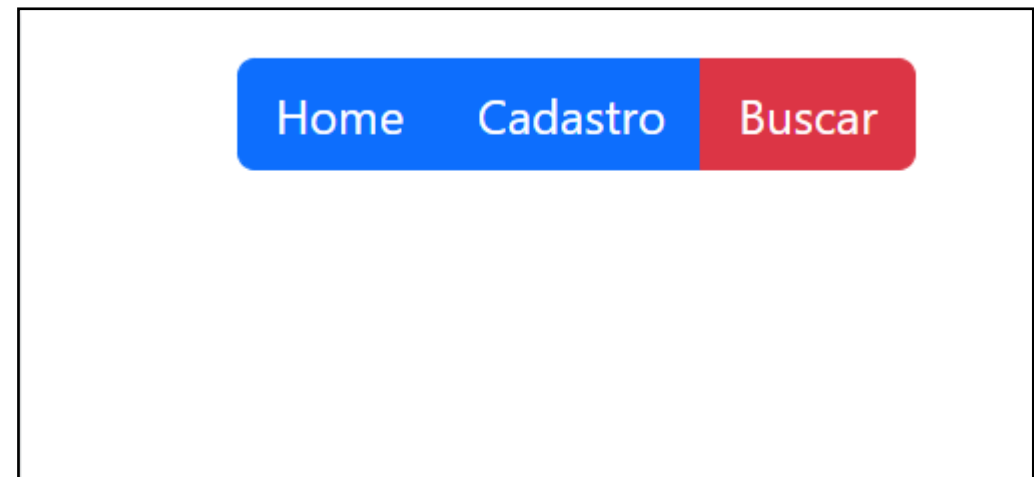
Dark

Light

[Link](#)

# Classe: .btn-group

```
<div class="container mt-3">  
  <div class="btn-group">  
    <a href='p1.html' class="btn btn-primary">Home</a>  
    <a href='p2.html' class="btn btn-primary">Cadastro</a>  
    <a href='p3.html' class="btn btn-danger">Buscar</a>  
  </div>  
</div>
```



# Funcionamento do grid

- O grid é dividido em 12 espaços.
- Você pode agrupar os 12 espaços conforme desejar.

span 1	span 1	span 1	span 1	span 1	span 1	span 1	span 1	span 1	span 1	span 1	span 1
span 4				span 4				span 4			
span 4				span 8							
span 6						span 6					
span 12											

# Acesse o site

- <https://www.w3schools.com/bootstrap5/>
- E verifique os inúmeros recursos
- Verifique a documentação oficial:  
<https://getbootstrap.com/>

Bootstrap 5 Tutorial

BS5 HOME  
BS5 Get Started  
BS5 Containers  
BS5 Grid Basic  
BS5 Typography  
BS5 Colors  
BS5 Tables  
BS5 Images  
BS5 Jumbotron  
BS5 Alerts  
BS5 Buttons  
BS5 Button Groups  
BS5 Badges  
BS5 Progress Bars  
BS5 Spinners  
BS5 Pagination  
BS5 List Groups  
BS5 Cards  
BS5 Dropdowns  
BS5 Collapse  
BS5 Navs  
BS5 Navbar

The Modal component is a dialog box/popup window that is displayed on top of other content.

Open modal

## How To Create a Modal

The following example shows how to create a basic modal:

### Example

```
<!-- Button to Open the Modal -->
<button type="button" class="btn btn-primary" data-bs-toggle="modal" data-target="#myModal">
  Open modal
</button>

<!-- The Modal -->
<div class="modal" id="myModal">
  <div class="modal-dialog">
    <div class="modal-content">

      <!-- Modal Header -->
      <div class="modal-header">
        <h4 class="modal-title">Modal heading</h4>
        <button type="button" class="btn-close" data-bs-dismiss="modal"></button>
      </div>
    </div>
  </div>
</div>
```

# Reverências

- <https://www.w3schools.com/bootstrap5/>
- <https://getbootstrap.com/>