


Bootstrap

☰ Conteúdo e Tag	Aula
📁 Curso	Engenharia de Software
📁 Disciplina	Front-End Design
📁 Semestre	2º Semestre

Como instalar Bootstrap


Download

Download ready-to-use compiled code for Bootstrap v5.2.3 to easily drop into your project, which includes: This doesn't include documentation, source files, or any optional JavaScript dependencies like Popper. Compile Bootstrap with your own asset pipeline by downloading our source Sass, JavaScript, [B](https://getbootstrap.com/docs/5.2/getting-started/download/) <https://getbootstrap.com/docs/5.2/getting-started/download/>



Get started with Bootstrap

Get started by including Bootstrap's production-ready CSS and JavaScript via CDN without the need for any build steps. See it in practice with this Bootstrap CodePen demo. Create a new index.html file in your project root. Include the tag as well for proper responsive behavior in mobile devices. [B](https://getbootstrap.com/docs/5.2/getting-started/introduction/) <https://getbootstrap.com/docs/5.2/getting-started/introduction/>

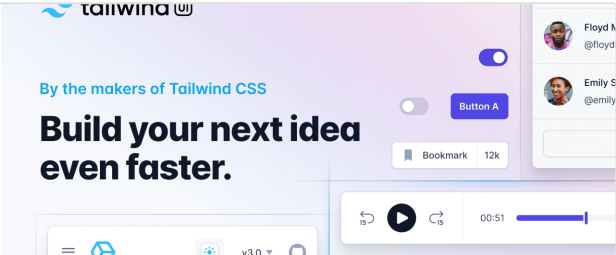


CONCORRENTE

Tailwind UI - Official Tailwind CSS Components & Templates

Beautiful UI components and templates by the creators of Tailwind CSS.


<https://tailwindui.com/>



Conceitos de Layout


Breakpoints

Breakpoints are the building blocks of responsive design. Use them to control when your layout can be adapted at a particular viewport or device size. Use media queries to architect your CSS by breakpoint. Media queries are a feature of CSS that allow you to conditionally apply styles based on a set of browser [B](https://getbootstrap.com/docs/5.2/layout/breakpoints/) <https://getbootstrap.com/docs/5.2/layout/breakpoints/>



Containers

Containers are the most basic layout element in Bootstrap and are required when using our default grid system. Containers are used to contain, pad, and (sometimes) center the content within them. While containers can be nested, most layouts do not require a nested container. [B](https://getbootstrap.com/docs/5.2/layout/containers/) <https://getbootstrap.com/docs/5.2/layout/containers/>



	Extra small <576px	Small ≥576px	Medium ≥768px	Large ≥992px	X-Large ≥1200px	XX-Large ≥1400px
<code>.container</code>	100%	540px	720px	960px	1140px	1320px
<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
<code>.container-fluid</code>	100%	100%	100%	100%	100%	100%

```
<div class="container-sm">100% wide until small breakpoint</div>
<div class="container-md">100% wide until medium breakpoint</div>
<div class="container-lg">100% wide until large breakpoint</div>
<div class="container-xl">100% wide until extra large breakpoint</div>
<div class="container-xxl">100% wide until extra extra large breakpoint</div>
```

Grid system

Bootstrap's grid system uses a series of containers, rows, and columns to layout and align content. It's built with flexbox and is fully responsive. Below is an example and an in-depth explanation for how the grid system comes together. The above example creates three equal-width columns across all devices


 <https://getbootstrap.com/docs/5.2/layout/grid/>



Componentes

Buttons

Use Bootstrap's custom button styles for actions in forms, dialogs, and more with support for multiple sizes, states, and more.

 <https://getbootstrap.com/docs/5.2/components/buttons/>



```
<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-danger">Danger</button>
<button type="button" class="btn btn-warning">Warning</button>
<button type="button" class="btn btn-info">Info</button>
<button type="button" class="btn btn-light">Light</button>
<button type="button" class="btn btn-dark">Dark</button>

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

Formulário

```
<!DOCTYPE html>
<html lang="pt-br">
```

```

<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">
  <title>Bootstrap Live Legal</title>

  <!-- <link rel="stylesheet" href="css/bootstrap.css"> -->
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.min.css">
  <link rel="stylesheet" href="css/style.css">

</head>

<body>
  <div class="container">
    <main>
      <div class="text-center py-3">
        <h2>Formulário</h2>
        <p class="lead">
          Lorem ipsum dolor sit amet consectetur adipisicing elit. Laudantium doloribus
          magni iure eius recusandae nihil minus, mollitia delectus sint non itaque aut
          recusandae mollitia aliquid?
        </p>
      </div>

      <div class="row justify-content-center">
        <div class="col-md-8">
          <form class="needs-validation" novalidate>
            <div class="row">
              <div class="col-md-6 mb-3">
                <label for="nome" class="form-label">Nome</label>
                <input id="nome" type="text" class="form-control" required>
              </div>
              <div class="col-md-6 mb-3">
                <label for="sobrenome" class="form-label">Sobrenome</label>
                <input id="sobrenome" type="text" class="form-control" required>
              </div>
            </div>

            <div class="row">
              <div class="col-md-12 mb-3">
                <label for="email" class="form-label">E-mail</label>
                <input type="email" id="email" class="form-control" placeholder="Digite seu e-mail" required>
              </div>
            </div>

            <div class="row">
              <div class="col-md-3 mb-3">
                <label for="cep" class="form-label">CEP</label>
                <input type="text" name="cep" id="cep" class="form-control" required>
              </div>
              <div class="col-md-7 mb-3">
                <label for="endereco" class="form-label">Endereço</label>
                <input type="text" name="cep" id="endereco" class="form-control" required>
              </div>
              <div class="col-md-2 mb-3">
                <label for="numero" class="form-label">Número</label>

```

```

        <input type="number" name="cep" id="numero" class="form-control" />
    </div>
</div>

<div class="row">
    <div class="col-md-4 mb-3">
        <label for="pais" class="form-label">País</label>
        <select name="pais" id="pais" class="form-select">
            <option value>Escolha..</option>
            <option value="br">Brasil</option>
            <option value="us">Estados Unidos</option>
        </select>
    </div>
    <div class="col-md-4 mb-3">
        <label for="estado" class="form-label">Estado</label>
        <select name="pais" id="estado" class="form-select">
            <option value>Escolha..</option>
            <option value="sp">São Paulo</option>
            <option value="rj">Rio de Janeiro</option>
        </select>
    </div>
    <div class="col-md-4 mb-3">
        <label for="cidade" class="form-label">Cidade</label>
        <input type="text" name="cidade" id="cidade" class="form-control" />
    </div>
</div>

<div class="row">
    <div class="col-12">
        <label for="comentario" class="form-label">
            Deixe seu comentário
            <span class="text-muted">(opcional)</span>
        </label>
        <textarea name="comentario" id="comentario" rows="3" class="form-control"
            maxlength="200"></textarea>
    </div>
</div>

<hr class="my-4">

<div class="form-check">
    <input class="form-check-input" type="checkbox" value="" id="flexCheckDefault">
    <label class="form-check-label" for="flexCheckDefault">
        Aceito as políticas de segurança.....
    </label>
</div>

<div class="form-check">
    <input class="form-check-input" type="checkbox" value="" id="flexCheckDefault2">
    <label class="form-check-label" for="flexCheckDefault2">
        Aceito receber comunicação.....
    </label>
</div>

<hr class="my-4">

    <button type="submit" class="btn btn-outline-primary w-100 mb-4 bg-verde" />
</form>
</div>

```

```

    </div>
  </main>
</div>

<!-- <script src="js/bootstrap.js"></script> -->
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/js/bootstrap.bundle.min.js"
  integrity="sha384-kenU1KFdBIe4zVF0s0G1M5b4hcpyxD9F7jL+jjXkk+Q2h455rYXK/7HAuoJl+0I4"
  crossorigin="anonymous"></script>

<script>
  // Example starter JavaScript for disabling form submissions if there are invalid fields
  (() => {
    'use strict'

    // Fetch all the forms we want to apply custom Bootstrap validation styles to
    const forms = document.querySelectorAll('.needs-validation')

    // Loop over them and prevent submission
    Array.from(forms).forEach(form => {
      form.addEventListener('submit', event => {
        if (!form.checkValidity()) {
          event.preventDefault()
          event.stopPropagation()
        }

        form.classList.add('was-validated')
      }, false)
    })
  })()
</script>
</body>

</html>

```