



Bootstrap



Bootstrap : Introduction

Bootstrap est une librairie front-end pour un développement Web plus rapide et plus facile.

Bootstrap inclut des templates basés sur HTML et CSS pour la typographie, les formulaires, les boutons, les tableaux, la navigation, les carrousels d'images et bien d'autres, ainsi que des plugins JavaScript en option.

Bootstrap offre également la possibilité de créer facilement des pages web réactives (responsive)

Bootstrap : Introduction

Avantages de Bootstrap :

- Facile à utiliser: n'importe qui avec une connaissance de base du HTML et du CSS peut utiliser Bootstrap
- Responsivité : le CSS réactif de Bootstrap s'adapte aux téléphones, aux tablettes et aux ordinateurs de bureau
- Compatibilité de navigateur: Bootstrap 4 est compatible avec tous les navigateurs modernes (Chrome, Firefox, Internet Explorer 10+, Edge, Safari et Opera)

Bootstrap : Utilisation

```
<!DOCTYPE html>
<html lang="fr">
<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@5.3.1/dist/css/bootstrap.min.css" rel="stylesheet">
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.1/dist/js/bootstrap.bundle.min.js"></script>

</head>
<body>
  <div class="container">
    <h1>Titre de la page web</h1>
    <p>
      Ciliciam vero, quae Cydno amni exultat, Tarsus nobilitat, urbs perspicabilis hanc condidisse Perseus
      tur, Iovis filius et Danaes, vel certe ex Aethiopia profectus Sandan quidam nomine vir opulentus et
      et Anazarbus auctoris vocabulum referens, et Mopsuestia vatis illius
    </p>
  </div>
</body>
</html>
```

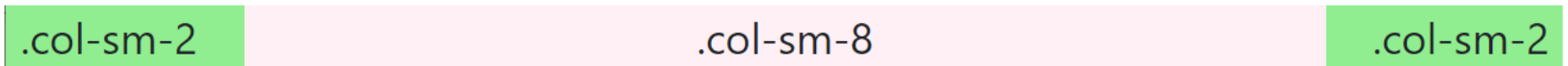
Bootstrap : La grille & classes

.col-	span 1	span 1	span 1	span 1	span 1	span 1	span 1	span 1	span 1	span 1	span 1	span 1
.col-sm-	span 4				span 4				span 4			
.col-md-	span 4				span 8							
.col-lg-	span 6						span 6					
.col-xl-	span 12											

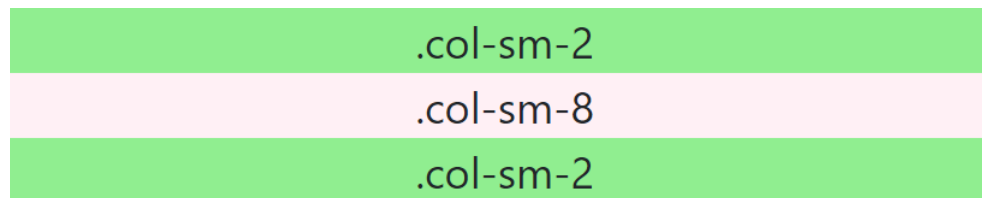
- sm : 100% si moins de 576px de largeur
- md : 100% si moins de 768px de largeur
- lg : 100% si moins de 992px de largeur
- xl : 100% si moins de 1200px de largeur

Bootstrap : La grille & classes

```
<div class="row text-center">  
  <div class="col-sm-2" style="background-color:lightgreen;">.col-sm-2</div>  
  <div class="col-sm-8" style="background-color:lavenderblush;">.col-sm-8</div>  
  <div class="col-sm-2" style="background-color:lightgreen;">.col-sm-2</div>  
</div>
```



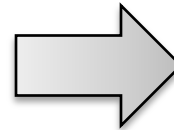
Pour plus de 576px



Pour moins de 575px

Bootstrap : Couleur

```
<p class="text-muted">Exemple texte</p>  
<p class="text-primary">Exemple texte</p>  
<p class="text-success">Exemple texte</p>  
<p class="text-info">Exemple texte</p>  
<p class="text-warning">Exemple texte</p>  
<p class="text-danger">Exemple texte</p>
```



Exemple texte

Exemple texte

Exemple texte

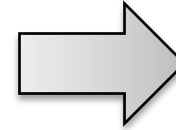
Exemple texte

Exemple texte

Exemple texte

Bootstrap : Couleur

```
<p class="text-secondary">Exemple texte</p>  
<p class="text-dark">Exemple texte</p>  
<p class="text-body">Exemple texte</p>  
<p class="text-white">Exemple texte</p>
```



Exemple texte

Exemple texte

Exemple texte

Exemple texte

Bootstrap : Table

```
<table class="table">
  <tr>
    <th>Nom</th>
    <th>Prénom</th>
    <th>Age</th>
  </tr>
  <tr>
    <td>John</td>
    <td>Doe</td>
    <td>34</td>
  </tr>
  <tr>
    <td>Mary</td>
    <td>Moe</td>
    <td>16</td>
  </tr>
  <tr>
    <td>July</td>
    <td>Dooley</td>
    <td>3</td>
  </tr>
</table>
```

Nom	Prénom	Age
John	Doe	34
Mary	Moe	16
July	Dooley	3

Bootstrap : Table

- `table table-striped`
- `table table-bordered`
- `table table-hover`
- `table table-dark`
- `table table-dark table-striped`
- `table table-dark table-hover`

Bootstrap : Image

- ``
- ``
- ``

Bootstrap : Formulaire

```
<form>
  <div class="form-group">
    <label for="email">Email:</label>
    <input type="email" class="form-control" placeholder="Enter email">
  </div>
  <div class="form-group">
    <label for="pwd">Password:</label>
    <input type="password" class="form-control" placeholder="Enter password">
  </div>
  <button type="submit" class="btn btn-primary">Submit</button>
</form>
```

Email:

Password:

Bootstrap : Boutons

```
<button class="btn">Basic</button>  
<button class="btn btn-primary">Primary</button>  
<button class="btn btn-secondary">Secondary</button>  
<button class="btn btn-success">Success</button>  
<button class="btn btn-info">Info</button>  
<button class="btn btn-warning">Warning</button>  
<button class="btn btn-danger">Danger</button>  
<button class="btn btn-dark">Dark</button>  
<button class="btn btn-light">Light</button>  
<button class="btn btn-link">Link</button>
```

Basic

Primary

Secondary

Success

Info

Warning

Danger

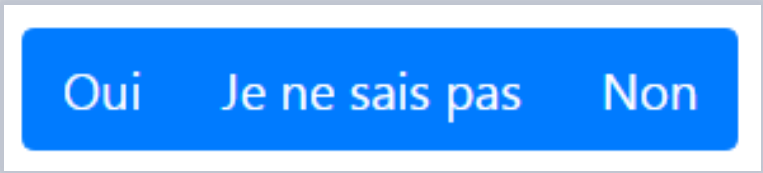
Dark

Light

Link

Bootstrap : Groupe de Boutons

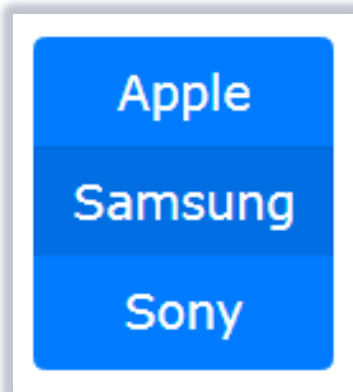
```
<div class="btn-group">  
  <button type="button" class="btn btn-primary">Oui</button>  
  <button type="button" class="btn btn-primary">Je ne sais pas</button>  
  <button type="button" class="btn btn-primary">Non</button>  
</div>
```



Oui Je ne sais pas Non

Bootstrap : Groupe de Boutons

```
<div class="btn-group-vertical">  
  <button type="button" class="btn btn-primary">Apple</button>  
  <button type="button" class="btn btn-primary">Samsung</button>  
  <button type="button" class="btn btn-primary">Sony</button>  
</div>
```



Bootstrap : Listes

```
<ul class="list-group">  
  <li class="list-group-item">Element 1</li>  
  <li class="list-group-item">Element 2</li>  
  <li class="list-group-item">Element 3</li>  
</ul>
```

Element 1

Element 2

Element 3

Bootstrap : Listes

```
<ul class="list-group">  
  <li class="list-group-item active">Active item</li>  
  <li class="list-group-item">Second item</li>  
  <li class="list-group-item">Third item</li>  
</ul>
```

Active item

Second item

Third item

Bootstrap : Cartes

```
<div class="card">  
  <div class="card-header">Header</div>  
  <div class="card-body">Content</div>  
  <div class="card-footer">Footer</div>  
</div>
```

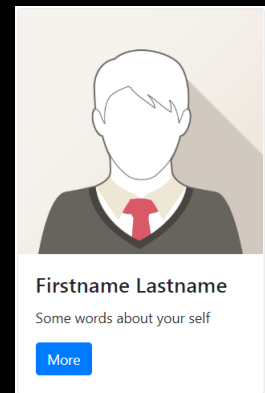
Header

Content

Footer

Bootstrap : Cartes

```
<div class="card" style="width:280px">  
    
  <div class="card-body">  
    <h4 class="card-title">Firstname Lastname</h4>  
    <p class="card-text">Some words about your self</p>  
    <a href="#" class="btn btn-primary">More</a>  
  </div>  
</div>
```



Bootstrap : Barre de navigation

```
<ul class="nav">
  <li class="nav-item">
    <a class="nav-link" href="#">Link</a>
  </li>
  <li class="nav-item">
    <a class="nav-link" href="#">Link</a>
  </li>
  <li class="nav-item">
    <a class="nav-link disabled" href="#">Disabled</a>
  </li>
</ul>
```

Link

Link

Disabled

Bootstrap : Barre de navigation

```
<ul class="nav nav-tabs">
  <li class="nav-item">
    <a class="nav-link active" href="#">Active</a>
  </li>
  <li class="nav-item">
    <a class="nav-link" href="#">Link</a>
  </li>
  <li class="nav-item">
    <a class="nav-link disabled" href="#">Disabled</a>
  </li>
</ul>
```

Active

Link

Disabled

Bootstrap : Barre de navigation

```
<ul class="nav nav-pills" role="tablist">
  <li class="nav-item">
    <a class="nav-link active" data-toggle="pill" href="#home">Home</a>
  </li>
  <li class="nav-item">
    <a class="nav-link" data-toggle="pill" href="#menu1">Menu 1</a>
  </li>
  <li class="nav-item">
    <a class="nav-link" data-toggle="pill" href="#menu2">Menu 2</a>
  </li>
</ul>
```

Home

Menu 1

Menu 2

Bootstrap : Barre de navigation

```
<nav class="navbar navbar-expand-sm bg-dark navbar-dark">
  <a class="navbar-brand" href="#">Logo</a>
  <ul class="navbar-nav">
    <li class="nav-item">
      <a class="nav-link" href="#">Link 1</a>
    </li>
    <li class="nav-item">
      <a class="nav-link" href="#">Link 2</a>
    </li>
    <li class="nav-item">
      <a class="nav-link" href="#">Link 3</a>
    </li>
  </ul>
</nav>
```

Logo Link 1 Link 2 Link 3

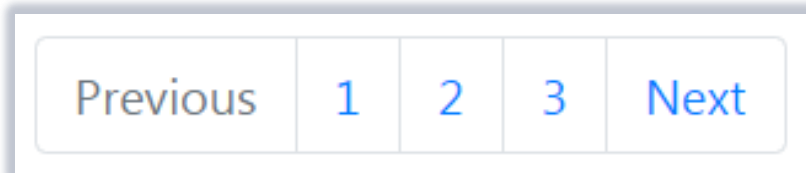
Bootstrap : Groupe input

```
<div class="input-group mb-3">  
  <div class="input-group-prepend">  
    <span class="input-group-text">@</span>  
  </div>  
  <input type="text" class="form-control" placeholder="Username">  
</div>
```

A visual representation of the Bootstrap input group rendered from the code above. It features a light gray rectangular container with a thin border. On the left side of the container is a small, slightly darker gray square button containing the '@' symbol. To the right of this button is a white text input field with a light gray border and rounded corners. The input field contains the placeholder text 'Username' in a light gray font.

Bootstrap : Pagination

```
<ul class="pagination">
  <li class="page-item disabled">
    <a class="page-link" href="#">Previous</a>
  </li>
  <li class="page-item"><a class="page-link" href="#">1</a></li>
  <li class="page-item"><a class="page-link" href="#">2</a></li>
  <li class="page-item"><a class="page-link" href="#">3</a></li>
  <li class="page-item"><a class="page-link" href="#">Next</a></li>
</ul>
```



Bootstrap : Exercice

Objectif :

Création d'un site web CV présentant votre parcours :

- Formations & Diplômes
- Expériences Professionnelles
- Réalisations (Accadémique, professionnelle...etc.)
- Compétences
- ...etc.

Téchnologies :

- HTML5
- CSS3
- Bootstrap & Fontawesome

Conclusion

L'essentiel à retenir

