



# Bootstrap

Programación Web I / Móvil I

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# Frameworks CSS



Bootstrap



Spotify



Twitter



Lyft



StackShare



Materialize



The3ballsoft



GeoLytix



Avhana Health



Linkwok

<https://www.altexsoft.com/blog/engineering/most-popular-responsive-css-frameworks-bootstrap-foundation-materialize-pure-and-more/>

# Frameworks CSS



Foundation



Docker



HotelTonight



OpenTable



Accenture



Pure



Dev Branch



Hacktoolkit



Wizters



PodcastParty



Semantic UI



Snapchat



Create.It



imgn.us



Reviewable

# Bootstrap

- Grilla Responsive  
12 columnas Mobile First
- Preprocesador Sass
- Flexbox
- Componentes: Slider, modales, carrouseles, dropdown, alertas, popover, spinners, toast, collapse, menues, etc



# Cómo empezar

## Build fast, responsive sites with Bootstrap

Quickly design and customize responsive mobile-first sites with Bootstrap, the world's most popular front-end open source toolkit, featuring Sass variables and mixins, responsive grid system, extensive prebuilt components, and powerful JavaScript plugins.

[\*\*Get started\*\*](#)[Download](#)

Currently v4.5.0

# Contenedores

`.container`, establece un ancho máximo en cada breakpoint

`.container-fluid`, 100% en todos los breakpoints

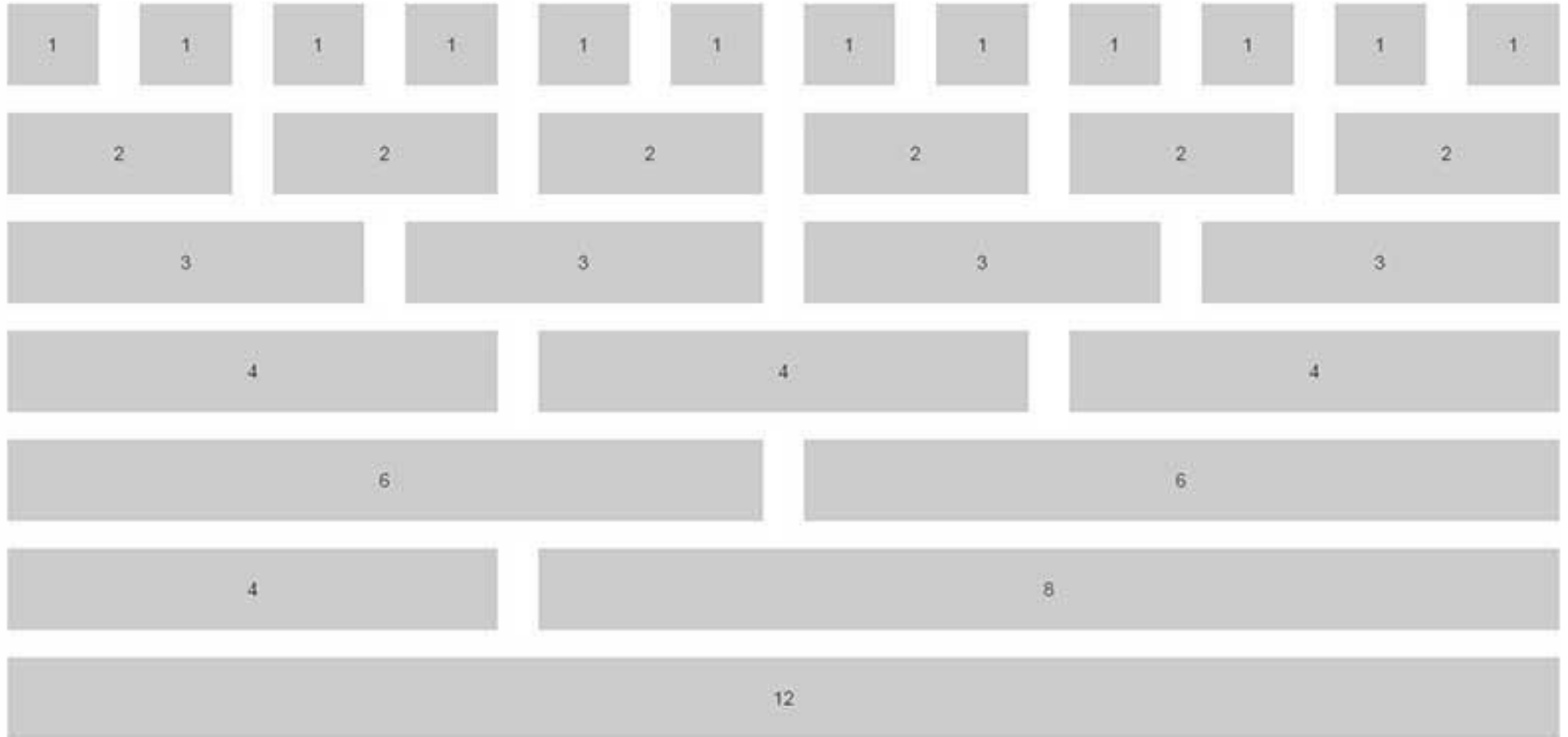
`.container-{breakpoint}`, es 100% del ancho hasta ese breakpoint

	Extra small <576px	Small ≥576px	Medium ≥768px	Large ≥992px	Extra large ≥1200px
<code>.container</code>	100%	540px	720px	960px	1140px
<code>.container-sm</code>	100%	540px	720px	960px	1140px
<code>.container-md</code>	100%	100%	720px	960px	1140px
<code>.container-lg</code>	100%	100%	100%	960px	1140px
<code>.container-xl</code>	100%	100%	100%	100%	1140px
<code>.container-fluid</code>	100%	100%	100%	100%	100%

# Columnas



# Columnas





# Columnas

- **col-\*** -> todos
- **col-xs-\*** -> menores a 576px
- **col-sm-\*** -> <= a 576px
- **col-md-\*** -> <= a 768px
- **col-lg-\*** -> <= a 992px
- **col-xl-\*** -> <= a 1200px

# Márgenes

- m-\*
- mt-\*
- mb-\*
- ml-\*
- mr-\*

# Padding

- **p-\***
- **pt-\***
- **pb-\***
- **pl-\***
- **pr-\***

# Textos

- **.h1 – h6**
- **.display-1 – display-6**
- **text-center**
- **text-right**
- **text-left**

# Textos

- **h1** Bootstrap (2.5rem = 40px)
- **h2** Bootstrap (2rem = 32px)
- **h3** Bootstrap (1.75rem = 28px)
- **h4** Bootstrap (1.5rem = 24px)
- **h5** Bootstrap (1.25rem = 20px)
- **h6** Bootstrap (1rem = 16px)

# Colores

**.text-primary**

**.text-secondary**

**.text-success**

**.text-danger**

**.text-warning**

**.text-info**

**.text-light**

**.text-dark**

**.text-muted**

# Colores Background

**.bg-primary**

**.bg-secondary**

**.bg-success**

**.bg-danger**

**.bg-warning**

**.bg-info**

**.bg-light**

**.bg-dark**

**.bg-muted**

# Imágenes y bordes

- **img-fluid**
- **rounded**
- **rounded-circle**
- **rounded-top**
- **rounded-bottom**
- **rounded-left**
- **rounded-right**
- **rounded-0**



# Display

**.d-{value}** para xs

**.d-{breakpoint}-{value}** para sm, md, lg, y xl.

- **none**
- **inline**
- **inline-block**
- **block**
- **flex**

# 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-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>
```