

Bootstrap

Bootstrap Grid & Layout Components



Outline

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1

Grid options

Grid Options

Meskipun Bootstrap menggunakan ems atau rems untuk menentukan sebagian besar ukuran, pxs digunakan untuk titik henti jaringan dan lebar wadah. Hal ini karena lebar area pandang dalam satuan piksel dan tidak berubah seiring dengan ukuran font.

Lihat bagaimana aspek sistem grid Bootstrap bekerja di beberapa perangkat dengan tabel praktis.

	Extra small ≤576px	Small ≥576px	Medium ≥768px	Large ≥992px	Extra large ≥1200px
Max container width	None (auto)	540px	720px	960px	1140px
Class prefix	.col-	.col-sm-	.col-md-	.col-lg-	.col-xl-
# of columns	12				
Gutter width	30px (15px on each side of a column)				
Nestable	Yes				
Column ordering	Yes				

Auto-layout columns

Equal-Width

Misalnya, berikut dua tata letak kisi yang berlaku untuk setiap perangkat dan area pandang, dari xs hingga xl. Tambahkan sejumlah kelas tanpa unit untuk setiap breakpoint yang Anda perlukan dan setiap kolom akan memiliki lebar yang sama.

1 of 2	2 of 2	
1 of 3	2 of 3	3 of 3

```
<div class="container">
  <div class="row">
    <div class="col">
      1 of 2
    </div>
    <div class="col">
      2 of 2
    </div>
  </div>
  <div class="row">
    <div class="col">
      1 of 3
    </div>
    <div class="col">
      2 of 3
    </div>
    <div class="col">
      3 of 3
    </div>
  </div>
</div>
```

Copy

Column	Column
Column	Column

```
<div class="container">
  <div class="row">
    <div class="col">Column</div>
    <div class="col">Column</div>
    <div class="w-100"></div>
    <div class="col">Column</div>
    <div class="col">Column</div>
  </div>
</div>
```

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Mix and match

.col-12 .col-md-8		.col-6 .col-md-4
.col-6 .col-md-4	.col-6 .col-md-4	.col-6 .col-md-4
.col-6	.col-6	

<!-- Stack the columns on mobile by making one full-width and the other half-width -->

```
<div class="row">
  <div class="col-12 col-md-8">.col-12 .col-md-8</div>
  <div class="col-6 col-md-4">.col-6 .col-md-4</div>
</div>
```

<!-- Columns start at 50% wide on mobile and bump up to 33.3% wide on desktop -->

```
<div class="row">
  <div class="col-6 col-md-4">.col-6 .col-md-4</div>
  <div class="col-6 col-md-4">.col-6 .col-md-4</div>
  <div class="col-6 col-md-4">.col-6 .col-md-4</div>
</div>
```

<!-- Columns are always 50% wide, on mobile and desktop -->

```
<div class="row">
  <div class="col-6">.col-6</div>
  <div class="col-6">.col-6</div>
</div>
```

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Re-Ordering

Gunakan kelas `.order-` untuk mengontrol urutan visual konten Anda. Kelas-kelas ini responsif, sehingga Anda dapat mengatur urutan berdasarkan breakpoint (misalnya, `.order-1.order-md-2`). Termasuk dukungan untuk 1 hingga 12 di kelima tingkatan jaringan.

First, but unordered	Third, but first	Second, but last
----------------------	------------------	------------------

```
<div class="container">
  <div class="row">
    <div class="col">
      First, but unordered
    </div>
    <div class="col order-12">
      Second, but last
    </div>
    <div class="col order-1">
      Third, but first
    </div>
  </div>
</div>
```

Copy

Third, but first	Second, but unordered	First, but last
------------------	-----------------------	-----------------

```
<div class="container">
  <div class="row">
    <div class="col order-last">
      First, but last
    </div>
    <div class="col">
      Second, but unordered
    </div>
    <div class="col order-first">
      Third, but first
    </div>
  </div>
</div>
```

Copy

2

Bootstrap Typography and Colors

Global setting Typography

- Gunakan native font stack terbaik untuk font-family masing-masing OS atau default
- Untuk skala tipe yang lebih inklusif dan mudah diakses, direkomendasikan ukuran font root default browser (biasanya 16px) sehingga user dapat menyesuaikan default browser mereka sesuai kebutuhan.
- Gunakan atribut \$font-family-base, \$font-size-base, dan \$line-height-base sebagai basis tipografi yang diterapkan pada <body>.
- Atur warna global link melalui \$link-color dan terapkan garis bawah tautan hanya pada :hover.
- Use \$body-bg to set a background-color on the <body> (#fff by default).

Headings

Heading	Example
<code><h1></h1></code>	h1. Bootstrap heading
<code><h2></h2></code>	h2. Bootstrap heading
<code><h3></h3></code>	h3. Bootstrap heading
<code><h4></h4></code>	h4. Bootstrap heading
<code><h5></h5></code>	h5. Bootstrap heading
<code><h6></h6></code>	h6. Bootstrap heading

```
<h1>h1. Bootstrap heading</h1>
<h2>h2. Bootstrap heading</h2>
<h3>h3. Bootstrap heading</h3>
<h4>h4. Bootstrap heading</h4>
<h5>h5. Bootstrap heading</h5>
<h6>h6. Bootstrap heading</h6>
```

Copy

Fancy display heading With faded secondary text

```
<h3>
  Fancy display heading
  <small class="text-muted">With faded secondary text</small>
</h3>
```

Copy

Lead

Jadikan paragraf menonjol dengan menambahkan .lead.

Vivamus sagittis lacus vel augue laoreet rutrum faucibus dolor auctor. Duis mollis, est non commodo luctus.

```
<p class="lead">
```

```
  Vivamus sagittis lacus vel augue laoreet rutrum faucibus dolor auctor. Duis mollis, est non commodo lu  
</p>
```

Copy

Inline text elements

You can use the mark tag to highlight text.

This line of text is meant to be treated as deleted text.

This line of text is meant to be treated as no longer accurate.

This line of text is meant to be treated as an addition to the document.

This line of text will render as underlined

This line of text is meant to be treated as fine print.

This line rendered as bold text.

This line rendered as italicized text.

```
<p>You can use the mark tag to <mark>highlight</mark> text.</p>
<p><del>This line of text is meant to be treated as deleted text.</del></p>
<p><s>This line of text is meant to be treated as no longer accurate.</s></p>
<p><ins>This line of text is meant to be treated as an addition to the document.</ins><
<p><u>This line of text will render as underlined</u></p>
<p><small>This line of text is meant to be treated as fine print.</small></p>
<p><strong>This line rendered as bold text.</strong></p>
<p><em>This line rendered as italicized text.</em></p>
```

Copy

Blockquotes

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer posuere erat a ante.

Copy

```
<blockquote class="blockquote">  
  <p class="mb-0">Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer posu  
</blockquote>
```

Responsive typography

mengacu pada penskalaan teks dan komponen hanya dengan menyesuaikan ukuran font elemen akar dalam serangkaian kueri media. Bootstrap tidak melakukan ini untuk Anda, tetapi cukup mudah untuk menambahkannya jika Anda memerlukannya.

```
html {  
  font-size: 1rem;  
}  
  
@include media-breakpoint-up(sm) {  
  html {  
    font-size: 1.2rem;  
  }  
}  
  
@include media-breakpoint-up(md) {  
  html {  
    font-size: 1.4rem;  
  }  
}  
  
@include media-breakpoint-up(lg) {  
  html {  
    font-size: 1.6rem;  
  }  
}
```

Copy

3

Bootstrap Components

Alert

Alert tersedia untuk teks sepanjang apa pun, serta tombol tutup opsional. Untuk penataan gaya yang tepat, gunakan salah satu dari delapan kelas kontekstual yang diperlukan (misalnya, `.alert-success`). Untuk inline dismissal, gunakan plugin alerts jQuery.

This is a primary alert—check it out!

This is a secondary alert—check it out!

This is a success alert—check it out!

This is a danger alert—check it out!

This is a warning alert—check it out!

This is a info alert—check it out!

This is a light alert—check it out!

This is a dark alert—check it out!

```
<div class="alert alert-primary" role="alert">
  This is a primary alert—check it out!
</div>
<div class="alert alert-secondary" role="alert">
  This is a secondary alert—check it out!
</div>
<div class="alert alert-success" role="alert">
  This is a success alert—check it out!
</div>
<div class="alert alert-danger" role="alert">
  This is a danger alert—check it out!
</div>
<div class="alert alert-warning" role="alert">
  This is a warning alert—check it out!
</div>
<div class="alert alert-info" role="alert">
  This is a info alert—check it out!
</div>
<div class="alert alert-light" role="alert">
  This is a light alert—check it out!
</div>
<div class="alert alert-dark" role="alert">
  This is a dark alert—check it out!
</div>
```

Copy

Link Color

This is a primary alert with **an example link**. Give it a click if you like.

This is a secondary alert with **an example link**. Give it a click if you like.

This is a success alert with **an example link**. Give it a click if you like.

This is a danger alert with **an example link**. Give it a click if you like.

This is a warning alert with **an example link**. Give it a click if you like.

This is an info alert with **an example link**. Give it a click if you like.

This is a light alert with **an example link**. Give it a click if you like.

This is a dark alert with **an example link**. Give it a click if you like.

Copy

```
<div class="alert alert-primary" role="alert">
  This is a primary alert with <a href="#" class="alert-link">an example link</a>. Give
</div>
<div class="alert alert-secondary" role="alert">
  This is a secondary alert with <a href="#" class="alert-link">an example link</a>. Gi
</div>
<div class="alert alert-success" role="alert">
  This is a success alert with <a href="#" class="alert-link">an example link</a>. Give
</div>
<div class="alert alert-danger" role="alert">
  This is a danger alert with <a href="#" class="alert-link">an example link</a>. Give
</div>
<div class="alert alert-warning" role="alert">
  This is a warning alert with <a href="#" class="alert-link">an example link</a>. Give
</div>
<div class="alert alert-info" role="alert">
  This is an info alert with <a href="#" class="alert-link">an example link</a>. Give it
</div>
<div class="alert alert-light" role="alert">
  This is a light alert with <a href="#" class="alert-link">an example link</a>. Give i
</div>
<div class="alert alert-dark" role="alert">
  This is a dark alert with <a href="#" class="alert-link">an example link</a>. Give it
</div>
```


Additional content

Well done!

Aww yeah, you successfully read this important alert message. This example text is going to run a bit longer so that you can see how spacing within an alert works with this kind of content.

Whenever you need to, be sure to use margin utilities to keep things nice and tidy.

Copy

```
<div class="alert alert-success" role="alert">
  <h4 class="alert-heading">Well done!</h4>
  <p>Aww yeah, you successfully read this important alert message. This example text is
  <hr>
  <p class="mb-0">Whenever you need to, be sure to use margin utilities to keep things
</div>
```

Challenge!!!

Buatlah web sederhana menggunakan Bootstrap. Mulai dari membuat struktur dasar halaman hingga menambahkan komponen-komponen Bootstrap seperti navigasi, tombol, dan formulir.



Thank you