



**weB** разработка

**BOOTSTRAP**

# Съдържание

- Bootstrap - същност
- Добавяне към проект
- Grid system
- Bootstrap компоненти



**Bootstrap**

# Bootstrap

Най - популярния framework /HTML, CSS, JavaScript/ за разработване на уеб сайтове с адаптивен дизайн.

- + облекчава разработката - може да вземем наготово всички елементи, необходими за разработването на уеб сайт - Grid, Typography, Tables, Forms, Buttons. Също така и Dropdowns, Navigation, Modals, Typehead, Pagination, Carousal, Breadcrumb, Tab
- сайтовете, разработени с Bootstrap си приличат.

# Bootstrap - 2

- + Може да използваме и свои стилови правила едновременно с Bootstrap и да направим проекта си уникален.
- + Bootstrap е безплатен.
- + [W3S Botstrap Tutorial+Refference](#)
- + [Bootstrap – официален сайт](#)

**Bootstrap - използване в проект**

# Използване в проект

BOOTSTRAP - [Официален сайт](#)

Начин 1: като свалим Bootstrap и jQuery

Начин 2: с линк към Bootstrap [CDN](#)

# Използване в проект - 2

## Начин 1: като свалим Bootstrap и jQuery

1. Сваляте Bootstrap - <http://getbootstrap.com/>
2. Разархивирате го в папката на вашия проект

1. Правите връзка към 2 Bootstrap файла и jQuery -

```
<link href="css/bootstrap.min.css" rel="stylesheet">
```

```
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js">
```

```
</script>
```

```
<script src="js/bootstrap.min.js"></script>
```



# Използване в проект - 3

## Начин 2: с линк към Bootstrap [CDN](#)

копираме кода от картинката - [от тук](#) и го поставяме в head елемента.

### Bootstrap CDN

The folks over at [MaxCDN](#) graciously provide CDN support for Bootstrap's CSS and JavaScript. Just use these [Bootstrap CDN](#) links.

```
<!-- Latest compiled and minified CSS -->
<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"
integrity="sha384-1q8mTJOASx8j1Au+a5WDVnPi2lkFfwwEAa8hDDdjZlpLegxhjVME1fgjWPGmkzs7" crossorigin="anonymous">

<!-- Optional theme -->
<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap-theme.min.css"
integrity="sha384-fLW2N01lMqjakBkx3l/M9EahuwPsfENvV63J5ezn3uZzapT0u7EYsXMjQV+0En5r" crossorigin="anonymous">

<!-- Latest compiled and minified JavaScript -->
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"
integrity="sha384-0mSbJDEHialfmuBQP6A4Qrprq5OVfW37PRR3j5ELqxs1yVq0tnepnHVP9aJ7xS" crossorigin="anonymous">
</script>
```

Copy

# Bootstrap CSS & Components

## или как да използваме Bootstrap

### /v3.\*/

# Bootstrap - CSS

<http://getbootstrap.com/css/#type>

Headings

Blockquotes

List

- Използване -

## Blockquotes

For quoting blocks of content from another source within your document.

### Default blockquote

Wrap `<blockquote>` around any HTML as the quote. For straight quotes, we recommend a `<p>`.

#### EXAMPLE

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

```
<blockquote>
  <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer posuere erat a ante.</p>
</blockquote>
```

### Blockquote options

# Bootstrap – CSS - 2

За всеки елемент, стил, големина, фон и др. има Bootstrap class

<http://getbootstrap.com/css/#type>

Buttons – бутони  
**class = "btn"**

Големина

- btn-xs
- btn-sm
- btn-md
- btn-lg

## Buttons

### Button tags

Use the button classes on an `<a>`, `<button>`, or `<input>` element.

#### EXAMPLE



```
<a class="btn btn-default" href="#" role="button">Link</a>
<button class="btn btn-default" type="submit">Button</button>
<input class="btn btn-default" type="button" value="Input">
<input class="btn btn-default" type="submit" value="Submit">
```

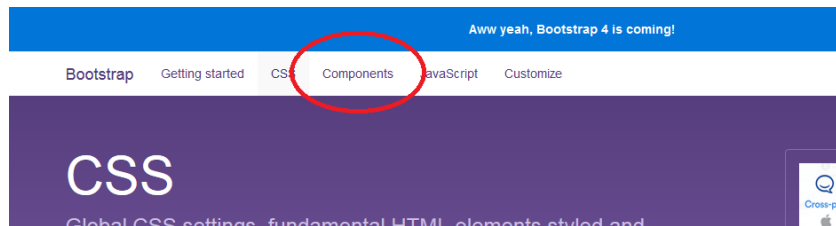
#### Context-specific usage

# Bootstrap - CSS

Когато трябва да добавим повече класове – изреждаме ги един след друг в кавичките, отделени с разстояние `/space/`

```
echo "<div class='col-xs-6 col-xs-offset-3 bg-info text-center'>".$arg1
```

# Bootstrap - Components



Labels =

<http://getbootstrap.com/components/#labels>

Заглавие или текст,  
който искаме да отделим  
от останалото съдържание

## Available variations

Add any of the below mentioned modifier classes to change the appearance of a label.

### EXAMPLE

Default Primary Success Info Warning Danger

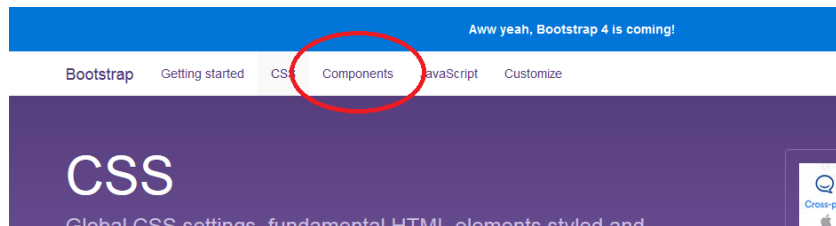
```
<span class="label label-default">Default</span>
<span class="label label-primary">Primary</span>
<span class="label label-success">Success</span>
<span class="label label-info">Info</span>
<span class="label label-warning">Warning</span>
<span class="label label-danger">Danger</span>
```

Copy

### Have tons of labels?

Rendering problems can arise when you have dozens of inline labels within a narrow container, each containing its own `inline-block` element (like an icon). The way around this is setting `display: inline-block;`. For context and an example, see #13219.

# Bootstrap - Components



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### EXAMPLE

Default Primary Success Info Warning Danger

```
<span class="label label-default">Default</span>
<span class="label label-primary">Primary</span>
<span class="label label-success">Success</span>
<span class="label label-info">Info</span>
<span class="label label-warning">Warning</span>
<span class="label label-danger">Danger</span>
```

Copy

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# Bootstrap Grid System




# Bootstrap grid system

Екрана е разделен на 12 колони и ние задаваме широчините в брой на колони, така че общата сума да бъде 12.

Източник - <http://getbootstrap.com/css/#overview-container>

## Example: Stacked-to-horizontal

Using a single set of `.col-md-*` grid classes, you can create a basic grid system that starts out stacked on mobile devices and tablet devices (the extra small to small range) before becoming horizontal on desktop (medium) devices. Place grid columns in any `.row`.

.col-md-1	.col-md-1	.col-md-1	.col-md-1	.col-md-1	.col-md-1	.col-md-1	.col-md-1	.col-md-1	.col-md-1	.col-md-1	.col-md-1	.col-md-1
.col-md-8	 <b>клас на съответния елемент</b>							.col-md-4				
.col-md-4				.col-md-4				.col-md-4				
.col-md-6							.col-md-6					

# Bootstrap grid system

<http://getbootstrap.com/css/>

Скали

## Grid options

See how aspects of the Bootstrap grid system work across multiple devices with a handy table.

	<b>Extra small devices</b> Phones (<768px)	<b>Small devices</b> Tablets (≥768px)	<b>Medium devices</b> Desktops (≥992px)	<b>Large devices</b> Desktops (≥1200px)
<b>Grid behavior</b>	Horizontal at all times	Collapsed to start, horizontal above breakpoints		
<b>Container width</b>	None (auto)	750px	970px	1170px
<b>Class prefix</b>	<code>.col-xs-</code>	<code>.col-sm-</code>	<code>.col-md-</code>	<code>.col-lg-</code>


# Bootstrap grid system - 3

Как описваме с код –

!!! Елементите разположени на един ред – освен общата сума на широчините 12, трябва да бъдат разположени в елемент с class = "row"

## Example: Stacked-to-horizontal

Using a single set of `.col-md-*` grid classes, you can create a basic grid system that starts out stacked on mobile devices and tablet devices (the extra small to small range) before becoming horizontal on desktop (medium) devices. Place grid columns in any `.row`.

.col-md-1	.col-md-1	.col-md-1	.col-md-1	.col-md-1	.col-md-1	.col-md-1	.col-md-1	.col-md-1	.col-md-1	.col-md-1	.col-md-1	.col-md-1
.col-md-8	 <b>клас на съответния елемент</b>								.col-md-4			
.col-md-4				.col-md-4				.col-md-4				
.col-md-6						.col-md-6						

```
<div class="row">
  <div class="col-md-1">.col-md-1</div>
  <div class="col-md-1">.col-md-1</div>
  <div class="col-md-1">.col-md-1</div>
  <div class="col-md-1">.col-md-1</div>
  <div class="col-md-1">.col-md-1</div>
  <div class="col-md-1">.col-md-1</div>
  <div class="col-md-1">.col-md-1</div>
  <div class="col-md-1">.col-md-1</div>
  <div class="col-md-1">.col-md-1</div>
  <div class="col-md-1">.col-md-1</div>
  <div class="col-md-1">.col-md-1</div>
</div>
<div class="row">
  <div class="col-md-8">.col-md-8</div>
  <div class="col-md-4">.col-md-4</div>
</div>
<div class="row">
  <div class="col-md-4">.col-md-4</div>
  <div class="col-md-4">.col-md-4</div>
  <div class="col-md-4">.col-md-4</div>
</div>
<div class="row">
  <div class="col-md-6">.col-md-6</div>
  <div class="col-md-6">.col-md-6</div>
</div>
```

# Bootstrap grid system - 3

Как дефинираме offset – отстъп

`<div class="col-md-2 col-md-offset-1">` - създава елемент с празно пространство /отстъп/ с ширина 1 md колона отляво.

Може да влагаме в елементи с дадена col- стойност, за да получим желан резултат! /Влизайки в новия елемент неговата ширина се дели на 12 колони./

Кой вариант - -xs, -s, -md, -lg – да изберем? – повече - [ТУК](#)

# Bootstrap grid system - 4

## .container vs .fluid-container

.container – зададен отстъп отляво и отясно.

.fluid – заема цялата ширина на екрана

## Example: Fluid container

Turn any fixed-width grid layout into a full-width layout by changing your outermost `.container` to `.container-fluid`.

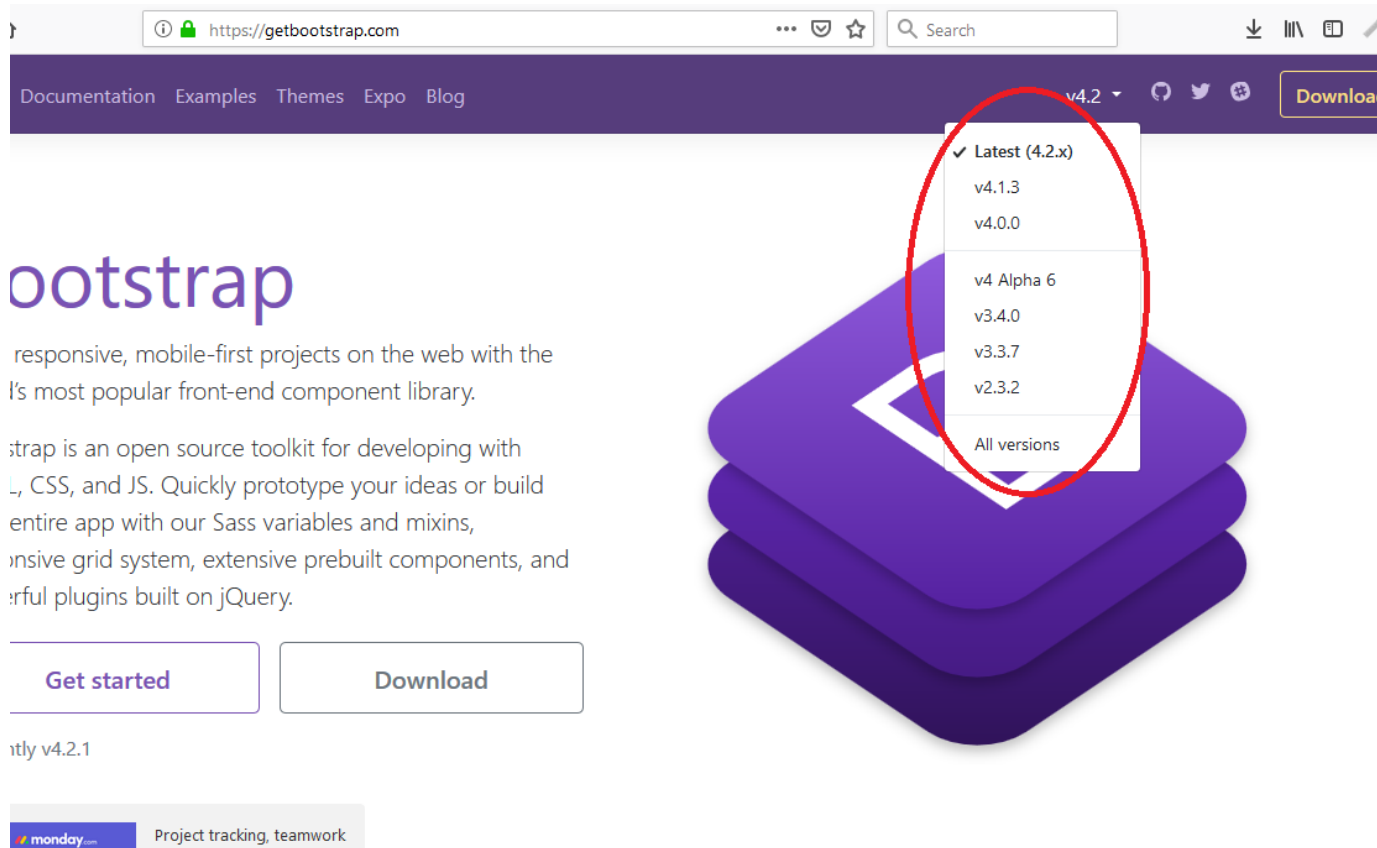
```
<div class="container-fluid">  
  <div class="row">  
    ...  
  </div>  
</div>
```

Copy

— . . . . .

**Bootstrap v4.\*,  
Different version,  
some new syntax, some new features**

# Bootstrap - different versions ...



The screenshot shows the Bootstrap website at <https://getbootstrap.com>. The navigation bar includes links for Documentation, Examples, Themes, Expo, and Blog. A version dropdown menu is open, showing the following options: Latest (4.2.x) (selected), v4.1.3, v4.0.0, v4 Alpha 6, v3.4.0, v3.3.7, v2.3.2, and All versions. The main content area features the Bootstrap logo and a description of the framework as a responsive, mobile-first toolkit. Below the description are two buttons: 'Get started' and 'Download'. The footer includes a Monday.com logo and the text 'Project tracking, teamwork'.

Documentation Examples Themes Expo Blog

v4.2

Download

# ootstrap

responsive, mobile-first projects on the web with the  
It's most popular front-end component library.

strap is an open source toolkit for developing with  
L, CSS, and JS. Quickly prototype your ideas or build  
entire app with our Sass variables and mixins,  
nsive grid system, extensive prebuilt components, and  
rful plugins built on jQuery.

Get started

Download

itly v4.2.1

monday.com Project tracking, teamwork

# Bootstrap - different versions ...

Версия 4,\* предлага нови възможности.

! Версия 4,\* използва отчасти различен синтаксис!

Пример -

One of three columns

One of three columns

One of three columns

```
<div class="container">
  <div class="row">
    <div class="col-sm">
      One of three columns
    </div>
    <div class="col-sm">
      One of three columns
    </div>
    <div class="col-sm">
      One of three columns
    </div>
  </div>
</div>
```

Copy



# Bootstrap - different versions ...

Пример -

.col-md-4

.col-md-4.offset-md-4

.col-md-3.offset-  
md-3

.col-md-3.offset-  
md-3

.col-md-6.offset-md-3

```
<div class="container">
  <div class="row">
    <div class="col-md-4"> col md 4</div>
    <div class="col-md-4 offset-md-4"> col-md-4 .offset-md-4</div>
  </div>
  <div class="row">
    <div class="col-md-3 offset-md-3">.col-md-3 .offset-md-3</div>
    <div class="col-md-3 offset-md-3">.col-md-3 .offset-md-3</div>
  </div>
  <div class="row">
    <div class="col-md-6 offset-md-3">.col-md-6 .offset-md-3</div>
  </div>
</div>
```

Copy