

Responsive Bootstrap

1

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Responsive

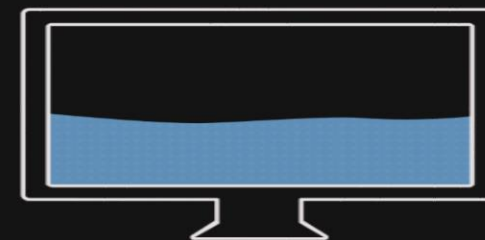
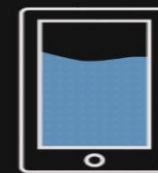
History
Definition
Features and Benefits
How to use it?
Responsive Framework

Responsive History



Definition

CONTENT IS LIKE WATER



“ You put water into a cup it becomes the cup.
You put water into a bottle it becomes the bottle.
You put it in a teapot, it becomes the teapot. ”



ONLY
15%

The infographic is divided into two horizontal sections. The top section has an orange background and features a faint outline of a smartphone on the left. The bottom section has a blue background and features a faint outline of a shopping cart on the right. The text is presented in a clean, sans-serif font.

People completely satisfied
with browsing websites on
mobile devices.

24% of sales made via
the Internet on Black
Friday was done with
mobile devices.

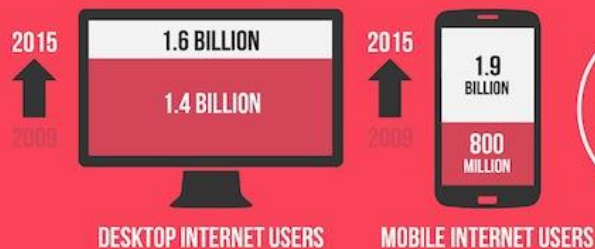
24%

KEY

Unlike static websites, responsive websites adapt the viewing environment using fluid grids and flexible images.

Responsive design should display content differently. For example:

WHY SHOULD I SWITCH TO RESPONSIVE?

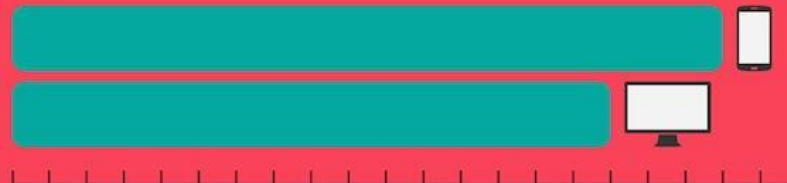


WHAT'S NEXT?

*ComScore Survey

150 X

did you know that smartphone users check their devices 150 times a day



MOBILE USERS WILL SURPASS DESKTOP USERS BEFORE THE END OF 2014

46%

of mobile users report having problems viewing a static site

44%

claim that navigation was troublesome on smaller devices



69%

of tablet users have shopped via their tablet in the last 30 days



SAVE MONEY



IMPROVE SEO



BETTER PERFORMANCE

DESIGN



FLEXIBLE IMAGES

460 PX

available and how it displays.

RESPONSIVE WEBSITE DESIGN

25% of internet users only access the internet via a mobile device

WHAT IS RESPONSIVE WEBSITE DESIGN?



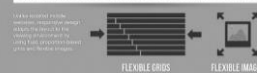
Responsive websites allow for easy reading and navigation with a minimum of resizing, panning and scrolling



SO HOW DOES IT WORK?



KEY FEATURES OF RESPONSIVE WEB DESIGN



WHY SHOULD I SWITCH TO RESPONSIVE?



150 X did you know that smartphone users check their devices 150 times a day



MOBILE USERS WILL SURPASS DESKTOP USERS BEFORE THE END OF 2014

46% of mobile users report having problems viewing a static site

44% claim that navigation was troublesome on smaller devices



RECOMMENDED BY GOOGLE

Google recommends designers follow the industry best practice of using responsive web design, namely, serving the same HTML to all devices and allowing user agents to decide the rendering on each device.

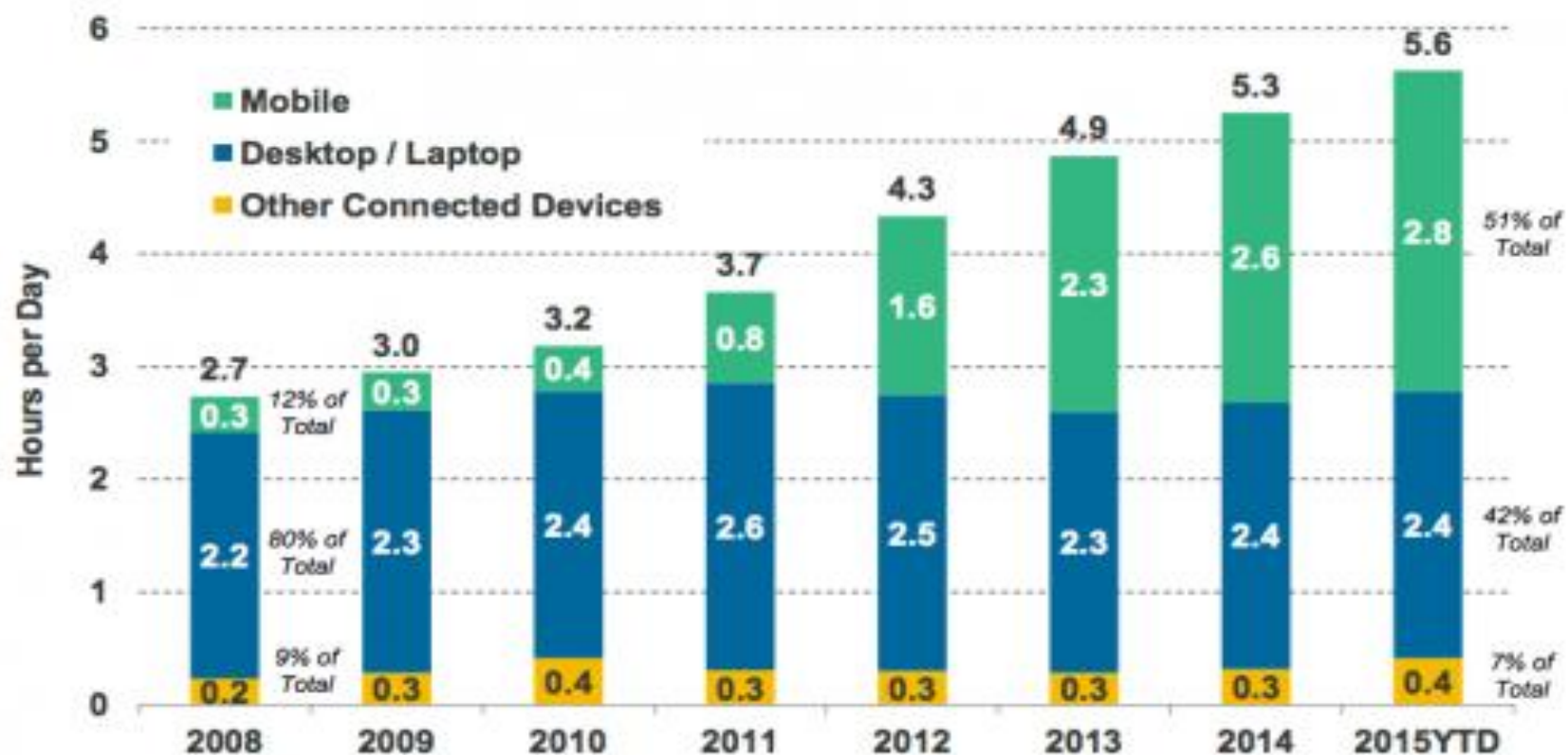
How can your visitors respond to you if your website does not respond to them? Be responsive. Call us now on 01743 360 000

Responsive web design is the future of web design. It ensures your website works on all devices, from desktop to mobile. Contact us today for more information.

verve

Internet Usage (Engagement) Growth Solid
+11% Y/Y = Mobile @ 3 Hours / Day per User vs. <1 Five Years Ago, USA

**Time Spent per Adult User per Day with Digital Media, USA,
2008 – 2015YTD**



Features and Benefits



Website Traffic



How to use it?

Media Queries

```
@media only screen and (max-width: 500px) {  
  body {  
    background-color: lightblue;  
  }  
}
```

Responsive Framework

CSS

Java Script

CSS

12



- **Creator:** [YOOtheme](#)
- **Released:** 2013
- **Current version:** 2.13.1
- **Popularity:** 3,800+ stars on GitHub
- **Description:** "A lightweight and modular front-end framework for developing fast and powerful web interfaces."
- **Core concepts/principles:** RWD, mobile first
- **Framework size:** 118 KB
- **Preprocessors:** Less, Sass
- **Responsive:** Yes
- **Modular:** Yes
- **Starting templates/layouts:** Yes
- **Icon set:** Font Awesome
- **Extras/Add-ons:** Yes
- **Unique components:** Article, Flex, Cover, HTML Editor
- **Documentation:** Good
- **Customization:** Advanced GUI Customizer
- **Browser support:** Chrome, Firefox, Safari, IE9+
- **License:** MIT

Golden Grid System

A folding grid for responsive design.



Four features

Columns, gutters, a baseline and a script.

Responsive Elements

Responsive elements makes it possible for any element to adapt and respond to the area they occupy. It's a tiny javascript library that you can drop into your projects today.

[Download on Github](#)



Drag the slider to see how the quotation box responds to varying widths

Design must reflect the practical and aesthetic in business but above all... good design must primarily serve people.



Thomas J. Watson
Chairman and CEO of International Business Machines

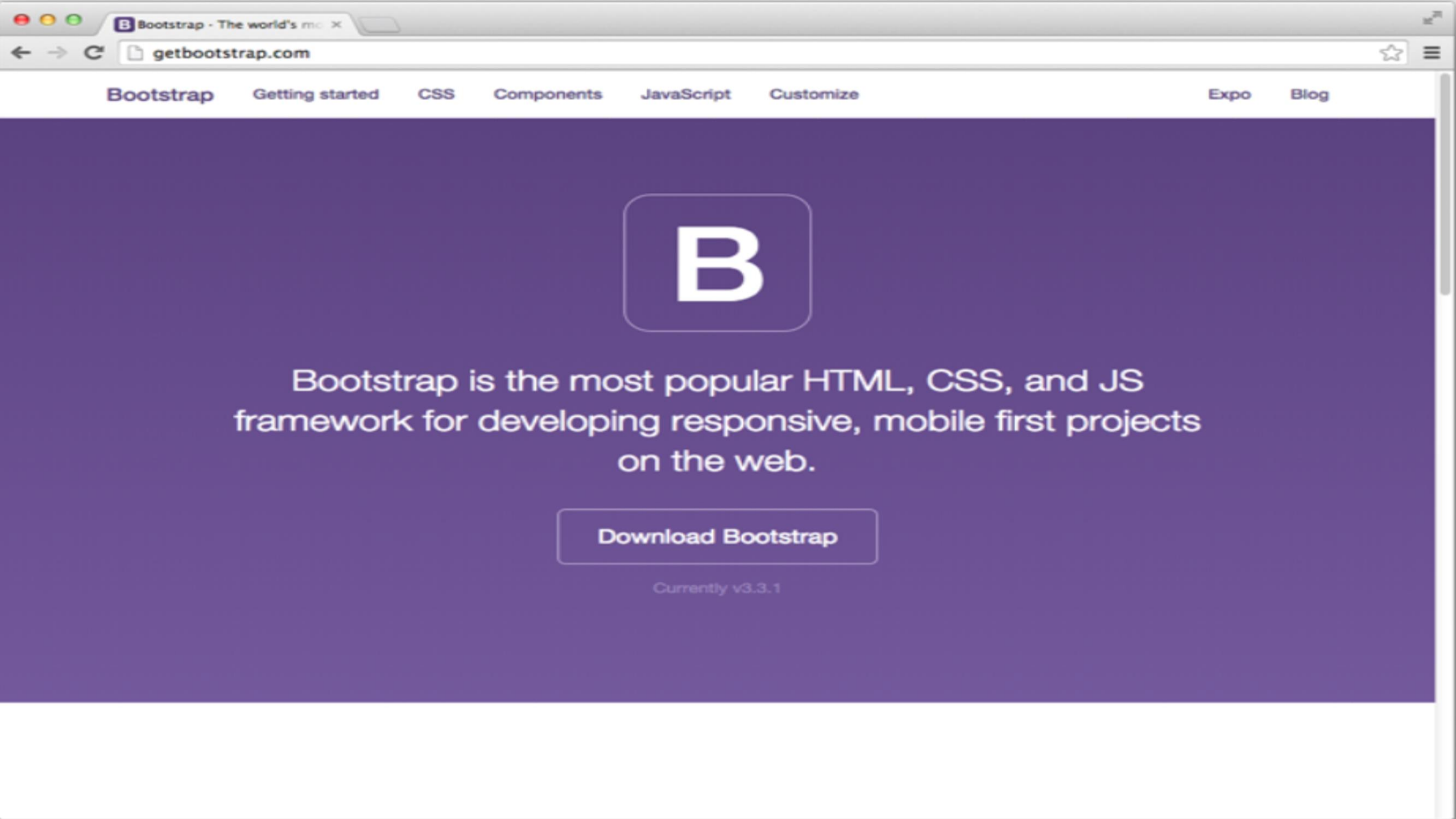


| | | | |
|-------------------------|---|---|---|
| Media Object | Y — Media Object | N | N |
| Modal window | Y | Y — Reveal | N |
| Navigation | Y | Y | N |
| Navigation - Sticky | Y — .navbar-fixed- | Y — Magellan | N |
| Navigation - Off Canvas | Y — Collapsible content | Y | N |
| Pagination | Y | Y | N |
| Panels | Y — now Cards | Y | N |
| Popovers | Y | Y — Tooltips | N |
| Pricing tables | N | Y | N |
| Print styles | Y | Y | N |
| Progress bars | Y | Y | N |
| Responsive media | Y — Media Object | Y — Interchange | N |
| Right-to-Left | Unknown as of Aug 29, 2015. See also: RTL-Bootstrap | Y — Right-to-Left Support | N |
| Scrollspy | Y | Y — Magellan | N |
| Tables | Y | Y | Y |
| Tabs | Y | Y | N |
| Thumbnails | Y — now Cards | Y | N |

Bootstrap



Best Framework



Bootstrap is the most popular HTML, CSS, and JS framework for developing responsive, mobile first projects on the web.

[Download Bootstrap](#)

Currently v3.3.1

Foundation

The most advanced responsive front-end framework in the world.

Download Foundation 5

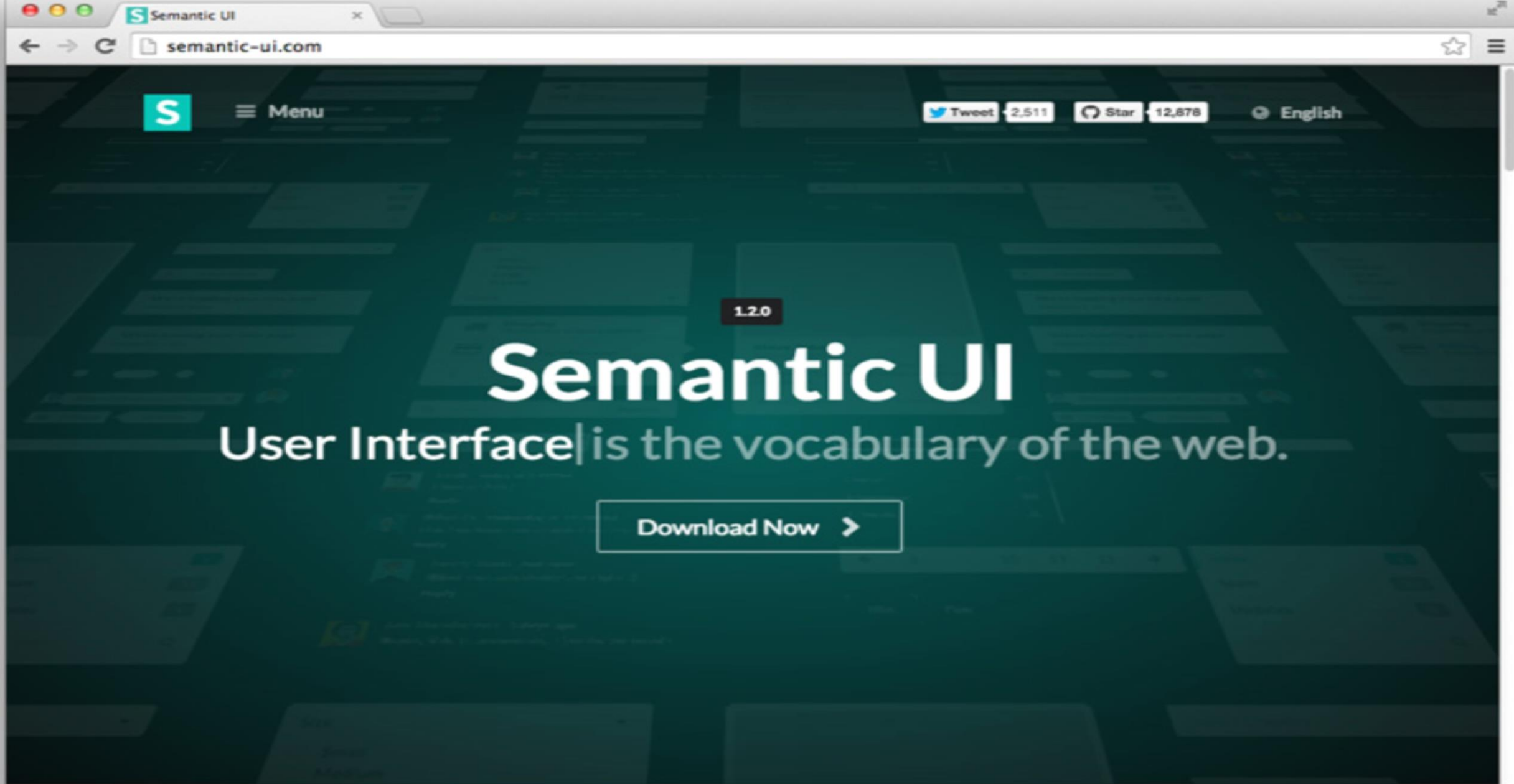
★ 18.8k stargazers  @ZURBfoundation



Foundation for Apps is here!

It's the first front-end framework created for developing fully responsive **web apps**.

Check It Out!



Menu

Tweet

2,511

Star

12,678

English

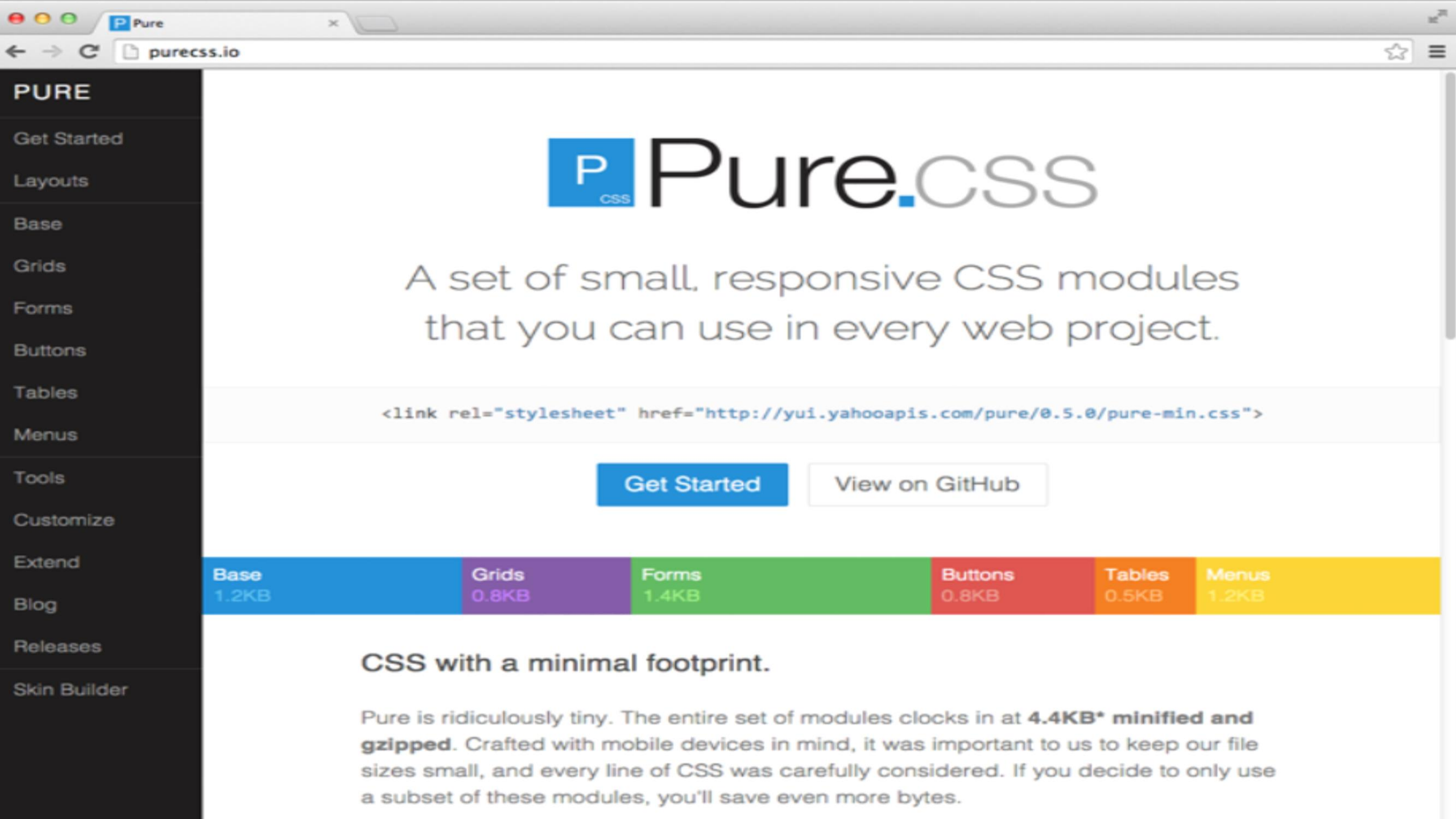
1.2.0

Semantic UI

User Interface|is the vocabulary of the web.

Download Now





PURE

Get Started

Layouts

Base

Grids

Forms

Buttons

Tables

Menus

Tools

Customize

Extend

Blog

Releases

Skin Builder



A set of small, responsive CSS modules
that you can use in every web project.

```
<link rel="stylesheet" href="http://yui.yahooapis.com/pure/0.5.0/pure-min.css">
```

Get Started

View on GitHub

Base
1.2KB

Grids
0.8KB

Forms
1.4KB

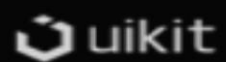
Buttons
0.8KB

Tables
0.5KB

Menus
1.2KB

CSS with a minimal footprint.

Pure is ridiculously tiny. The entire set of modules clocks in at **4.4KB* minified and gzipped**. Crafted with mobile devices in mind, it was important to us to keep our file sizes small, and every line of CSS was carefully considered. If you decide to only use a subset of these modules, you'll save even more bytes.



[Get Started](#)

[Components](#)

[Add-ons](#)

[Customizer](#)

[Showcase](#)



uikit

A lightweight and modular front-end framework
for developing fast and powerful web interfaces.

[Download Uikit](#)

[GitHub](#)

[Get Started](#)

[Version 2.13.1](#)

★ 3816 Stargazers

P 687 Forks

🐦 @getuikit

👤 Community



BOOTSTRAP



Bootstrap

HTML5 CSS3 jQuery

ASP.NET MVC Yii Framework Joomla

Introduction Bootstrap





part designer

I love web and graphic design and have experience designing websites, user interfaces, brands and logos as well as graphics and print media.



part coder

I have a passion for web development and have experience in coding HTML, CSS, Wordpress, PHP and JavaScript. I also dabble in SEO and blogging.



PHP!



HTML

```
<html>  
<title>HTML</title>  
<body>  
This is HTML!  
</body>  
</html>
```

CSS!



Problems Bootstrap



Benefits Bootstrap

DEVELOPMENT BOOTSTRAP

1- Desktop-based approach



رویکرد دسکتاپ محور

2- Mobil-based approach

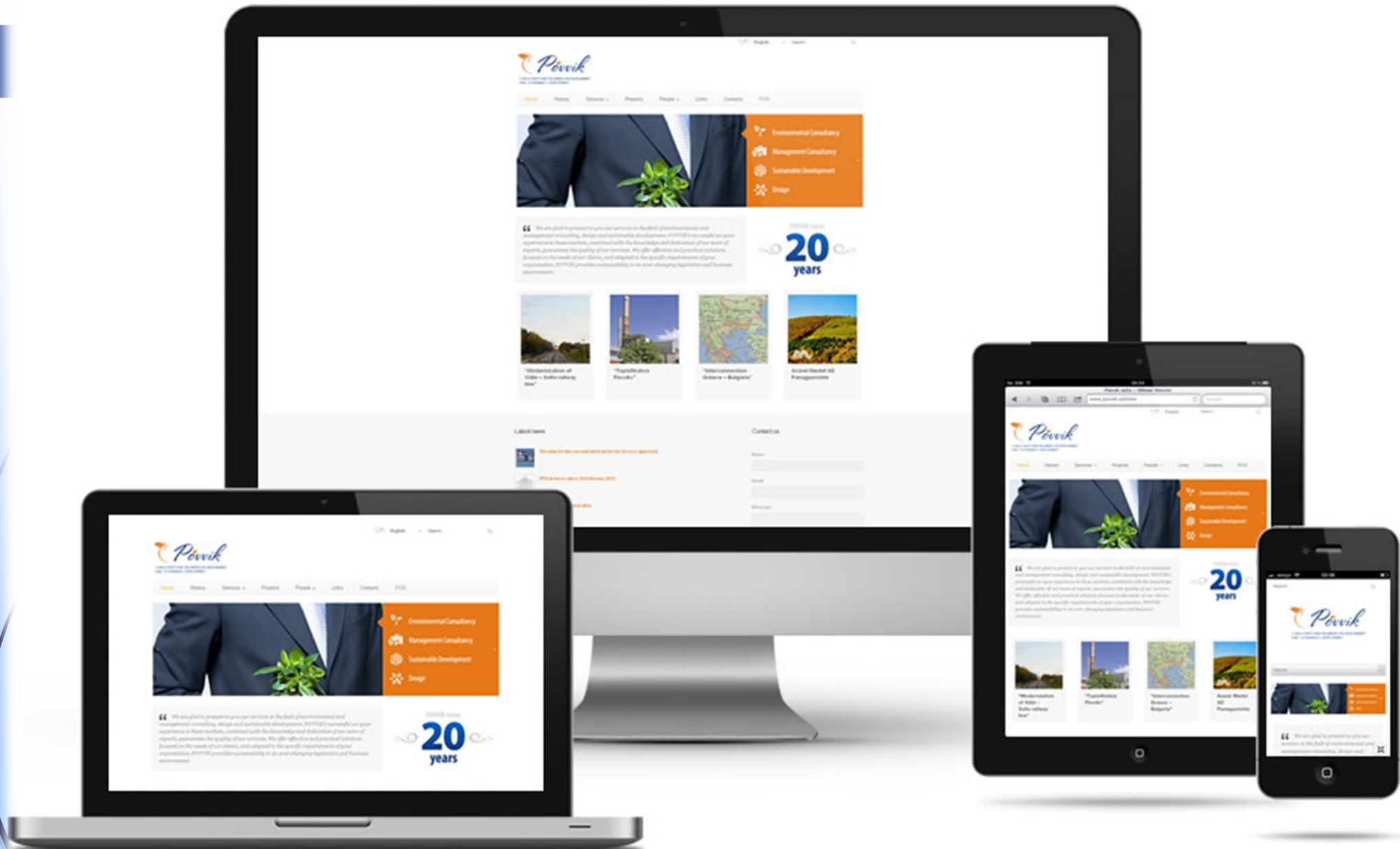
5- WTOPIT-p9269 9b6109CJ



رویکرد موبایل محور







- 
- 
1. Save Time
 2. Customizable
 3. Factor in the Design
 - 4-Consistency
 5. Updates
 6. Integration
 7. Responsiveness
 8. Future Compatibility

9. Competitiveness

10. The Docs Talk!

11. For the Bosses

START BOOTSTRAP

PORTFOLIO ABOUT CONTACT



START BOOTSTRAP



Web Developer - Graphic Artist - User Experience Designer

Download Bootstrap



Bootstrap file structure

```
bootstrap/  
├── css/  
│   ├── bootstrap.css  
│   ├── bootstrap.min.css  
│   ├── bootstrap-theme.css  
│   └── bootstrap-theme.min.css  
├── js/  
│   ├── bootstrap.js  
│   └── bootstrap.min.js  
└── fonts/  
    ├── glyphs-halflings-regular.eot  
    ├── glyphs-halflings-regular.svg  
    ├── glyphs-halflings-regular.ttf  
    └── glyphs-halflings-regular.woff
```







glyphicon
glyphicon-
asterisk



glyphicon
glyphicon-plus



glyphicon
glyphicon-euro



glyphicon
glyphicon-eur



glyphicon
glyphicon-
minus



glyphicon
glyphicon-
cloud



glyphicon
glyphicon-
envelope



glyphicon
glyphicon-
pencil



glyphicon
glyphicon-
glass



glyphicon
glyphicon-
music



glyphicon
glyphicon-
search



glyphicon
glyphicon-
heart



glyphicon
glyphicon-star



glyphicon
glyphicon-star-
empty



glyphicon
glyphicon-user



glyphicon
glyphicon-film



glyphicon
glyphicon-th-
large



glyphicon
glyphicon-th



glyphicon
glyphicon-th-
list



glyphicon
glyphicon-ok



glyphicon
glyphicon-
remove



glyphicon
glyphicon-
zoom-in



glyphicon
glyphicon-
zoom-out



glyphicon
glyphicon-off



glyphicon
glyphicon-
signal



glyphicon
glyphicon-cog



glyphicon
glyphicon-
trash



glyphicon
glyphicon-
home



glyphicon
glyphicon-file



glyphicon
glyphicon-time



glyphicon
glyphicon-road



glyphicon
glyphicon-
download-alt

btn-group



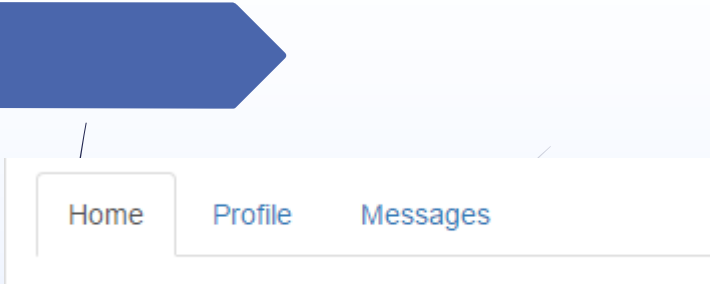
```
<button type="button" class="btn btn-danger  
dropdown-toggle" data-toggle="dropdown" aria-  
haspopup="true" aria-expanded="false">
```

`class="btn btn-default btn-lg dropdown-toggle"`

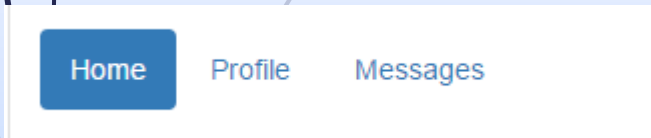
`class="btn btn-default btn-sm dropdown-toggle"`

`class="btn btn-default btn-xs dropdown-toggle"`





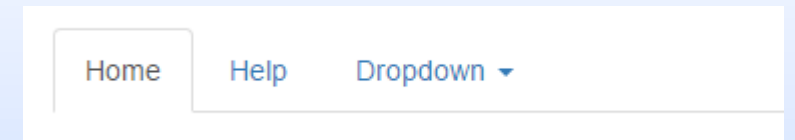
```
<ul class="nav nav-tabs">
```



```
<ul class="nav nav-pills">
```



```
<ul class="nav nav-pills nav-stacked">
...</ul>
```



```
<ul
class="nav nav-tabs">
..... </ul>
```



Home

Profile

Messages

```
<ul class="nav nav-tabs">
```

Home

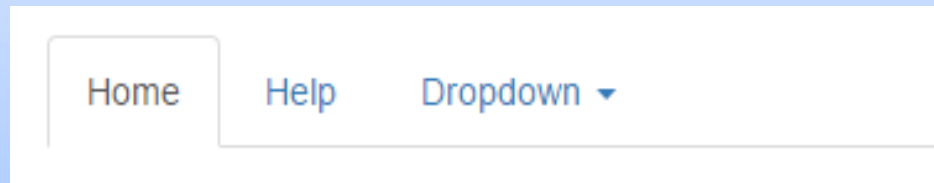
Profile

Messages

```
<ul class="nav nav-pills">
```



`<ul class="nav nav-pills nav-stacked">`



`<ul class="nav nav-tabs">`

Java Script

Launch demo modal

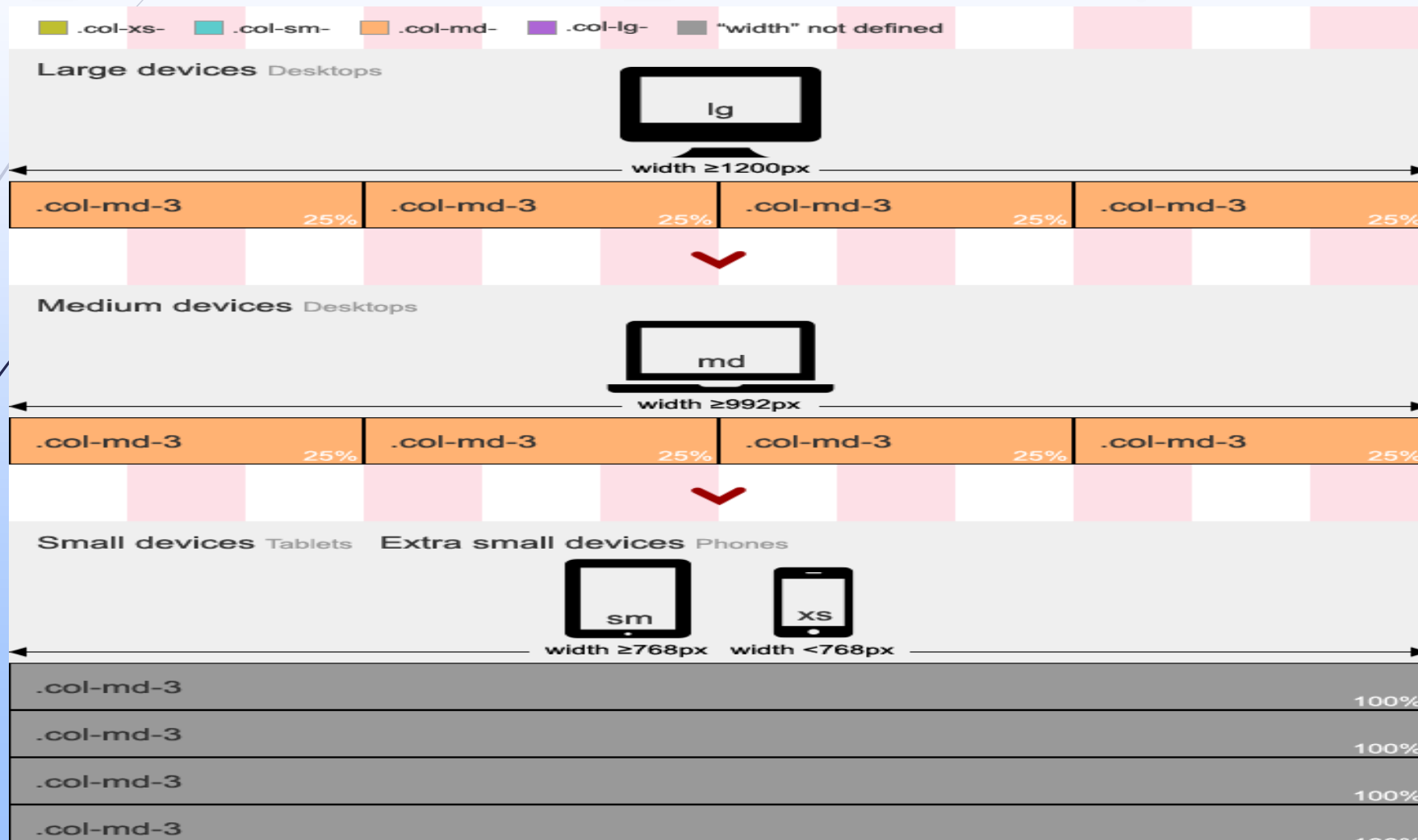
Modal title

One fine body...

Close

Save changes

Bootstrap Responsive





What's New in Bootstrap 4?