

Style Sheets and Media Queries



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Agenda



Reset or normalize

CSS files

Media queries

Text adjust

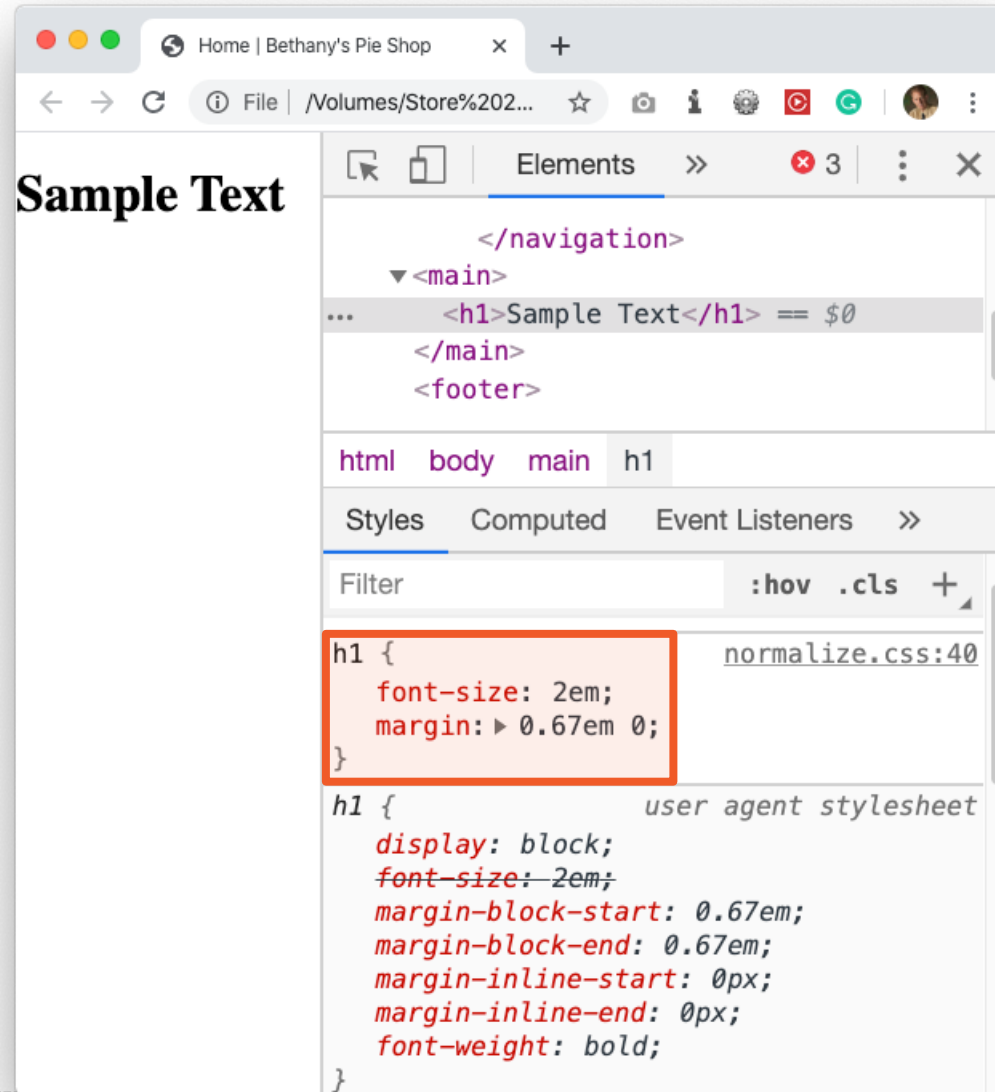
Box-sizing

Lato font




Browser Style Sheets


`<h1>Sample Text</h1>`



Reset or Normalize

 **html5 Doctor**
Helping you implement HTML5 today

HomeArticle ArchiveElement IndexResources

 [Tweet](#)

HTML5 Reset Stylesheet

Monday, July 27th, 2009 by [Richard Clark](#).

CATEGORY

[Boilerplates](#)

[Browser](#)

[Compatibility](#)

[CSS](#)

TAGS

[CSS](#)

[html5](#)

[reset](#)

[stylesheet](#)

TRANSLATIONS

[日本語](#)

[Polski](#)


We've had a number of people ask about templates, boilerplates, and styling for HTML 5. Last week, [Remy](#) introduced some [basic boilerplates for HTML 5](#), so to keep the momentum going, I've modified [Eric Meyer's CSS reset](#) for you to use in your HTML 5 projects.

The code

Let's start with the complete CSS stylesheet:

```
/*
html5doctor.com Reset Stylesheet
v1.6.1
Last Updated: 2010-09-17
Author: Richard Clark - http://richclarkdesign.com
Twitter: @rich_clark
*/

html, body, div, span, object, iframe,
h1, h2, h3, h4, h5, h6, p, blockquote, pre,
abbr, address, cite, code,
del, dfn, em, img, ins, kbd, q, samp,
small, strong, sub, sup, var
```



Normalize.css

A modern, HTML5-ready alternative to CSS resets



Normalize.css makes browsers render all elements more consistently and in line with modern standards. It precisely targets only the styles that need normalizing.

Download v8.0.1

Chrome, Edge, Firefox ESR+, IE 10+, Safari 8+, Opera

See the CHANGELOG

`npm install normalize.css`

  [Tweet](#)

[Read more about normalize.css »](#)



Multiple CSS Files



`normalize.css`



`small.css`



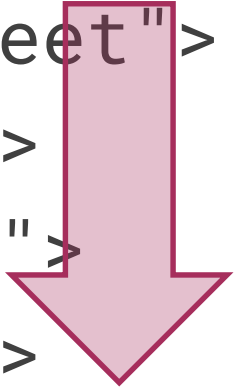
`medium.css`



`large.css`

Stylesheet Order

```
<link href="css/normalize.css" rel="stylesheet">  
<link href="css/small.css" rel="stylesheet">  
<link href="css/medium.css" rel="stylesheet">  
<link href="css/large.css" rel="stylesheet">
```



Mobile First Design



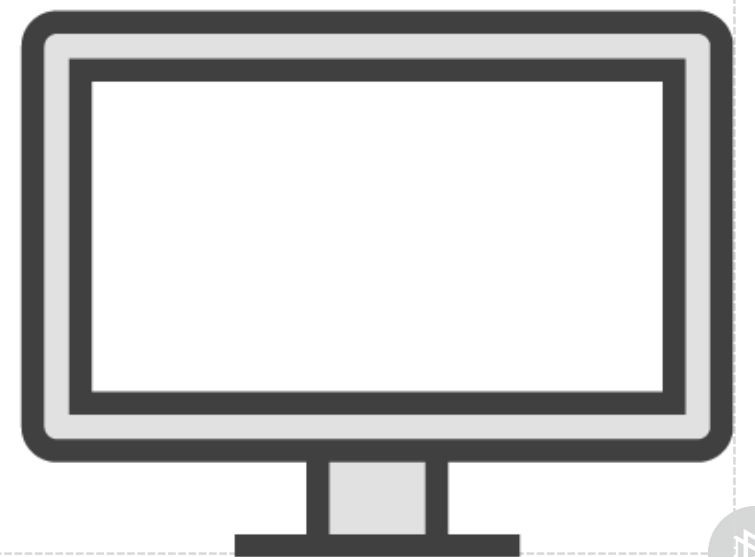
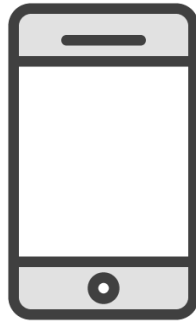
Media Queries

```
@media screen and (min-width: 768px) and (max-width: 1024px) {  
    h1 {color red;}  
}
```

```
@media only screen and (min-width: 560px) {  
    h1 {color orange;}  
}
```



Media Queries



Text Adjust

```
html {-webkit-text-size-adjust: 100%; -ms-text-size-adjust: 100%; }
```



Box Sizing

```
<div>Hello</div>
```

```
div {  
  width: 200px;  
  margin: 1rem;  
  padding: 1rem;  
}
```



Box Sizing

➡ *

{

➡ `-moz-box-sizing: border-box;`

➡ `-webkit-box-sizing: border-box;`

➡ `box-sizing: border-box;`

}

Finish the “Lato” Font

Google Fonts

Lato

Designed by Łukasz Dziedzic

[Select styles](#) [Glyphs](#) [About](#) [License](#) [Pairings](#)

[Download family](#)

Styles

Type here to preview text

Almost before we knew it, we had left the ground.

Size 30 px

Thin 100	<i>Almost before we knew it, we had left the ground.</i>	+ Select this style
Thin 100 italic	<i>Almost before we knew it, we had left the ground.</i>	+ Select this style
Light 300	Almost before we knew it, we had left the ground.	- Remove this style
Light 300 italic	<i>Almost before we knew it, we had left the ground.</i>	- Remove this style
Regular 400	Almost before we knew it, we had left the ground.	+ Select this style
Regular 400 italic	<i>Almost before we knew it, we had left the ground.</i>	+ Select this style
Bold 700	Almost before we knew it, we had left the ground.	- Remove this style
Bold 700 italic	<i>Almost before we knew it, we had left the ground.</i>	+ Select this style
Black 900	Almost before we knew it, we had left the ground.	+ Select this style
Black 900 italic	<i>Almost before we knew it, we had left the ground.</i>	+ Select this style

Selected family

[Review](#) [Embed](#)

To embed a font, copy the code into the <head> of your html

[<link>](#) [@import](#)

```
<link href="https://fonts.googleapis.com/css?family=Lato:ital,weight@0,300;0,700;1,300&display=swap" rel="stylesheet">
```

CSS rules to specify families

```
font-family: 'Lato', sans-serif;
```

```
1 <!doctype html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8">
5 <title>Home | Bethany's Pie Shop</title>
6 <meta name="viewport" content="width=device-width, initial-scale=1, maximum-scale=1">
7 <link href="https://fonts.googleapis.com/css?family=Lato:300,300i,700&display=swap" rel="stylesheet">
8 <link href="css/normalize.css" rel="stylesheet">
9 <link href="css/small.css" rel="stylesheet">
10 <link href="css/medium.css" rel="stylesheet">
11 <link href="css/large.css" rel="stylesheet">
12 </head>
```

```
1 html {-webkit-text-size-adjust: 100%; -ms-text-size-adjust: 100%;}
2
3 * { -moz-box-sizing: border-box; -webkit-box-sizing: border-box; box-sizing: border-box; }
4
5
6 body {
7   font-family: 'Lato', sans-serif;
8   font-weight: 300;
9 }
10
```



Start File



demos



start



Demo



Add a normalize css file

Add four other CSS files

Add media queries

Fix the font size adjustment problem

Complete the font family





Summary



Reset or normalize

CSS files

Media queries

Text adjust

Box-sizing

Lato font





Introduction

Basic Page

Style Sheets and Media Queries

Header and Footer

Responsive Navigation

Hero Image

Specials

New Cheesecake Gallery

SASS CSS Preprocessor

Bootstrap

Wrap Up

