

Build the Hero Image



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Agenda



Image history lesson

Image compression

Build the hero



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Have you ever experienced something that captivated your imagination? Something that transported you to another time and place and let you glimpse



History Lesson

HTML

NO

YES

NO

1

2

CSS

YES

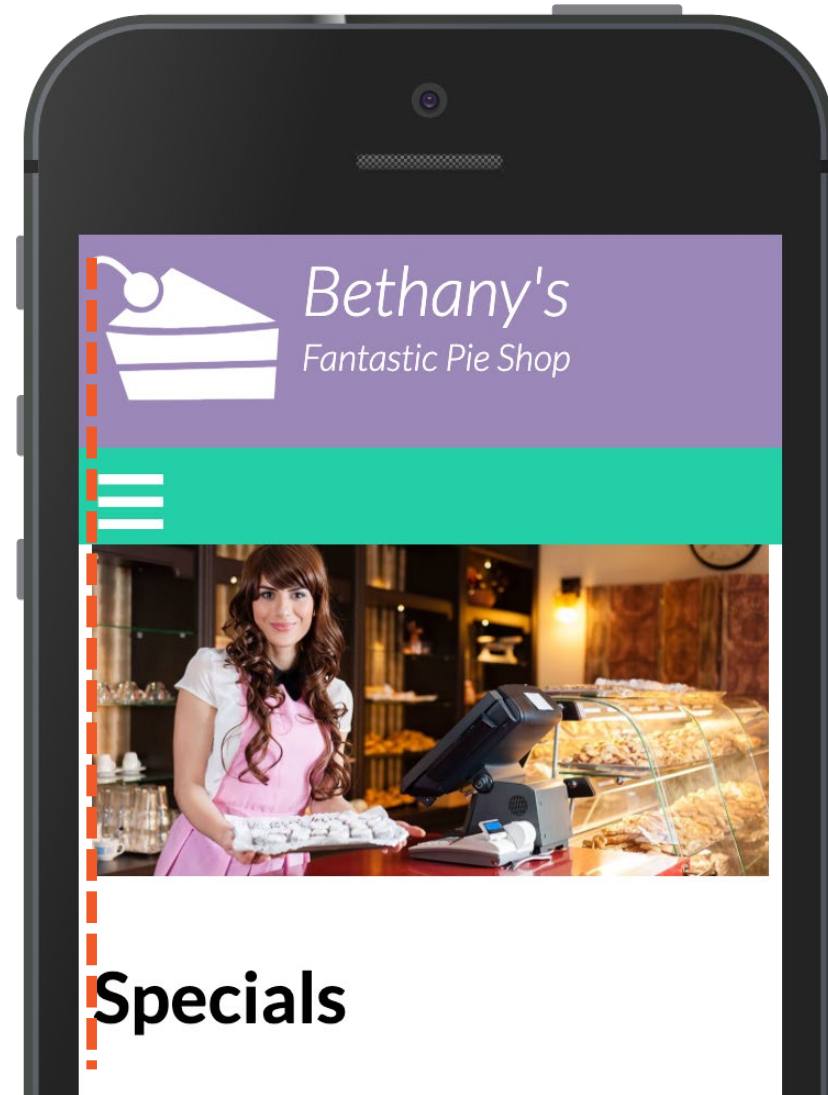
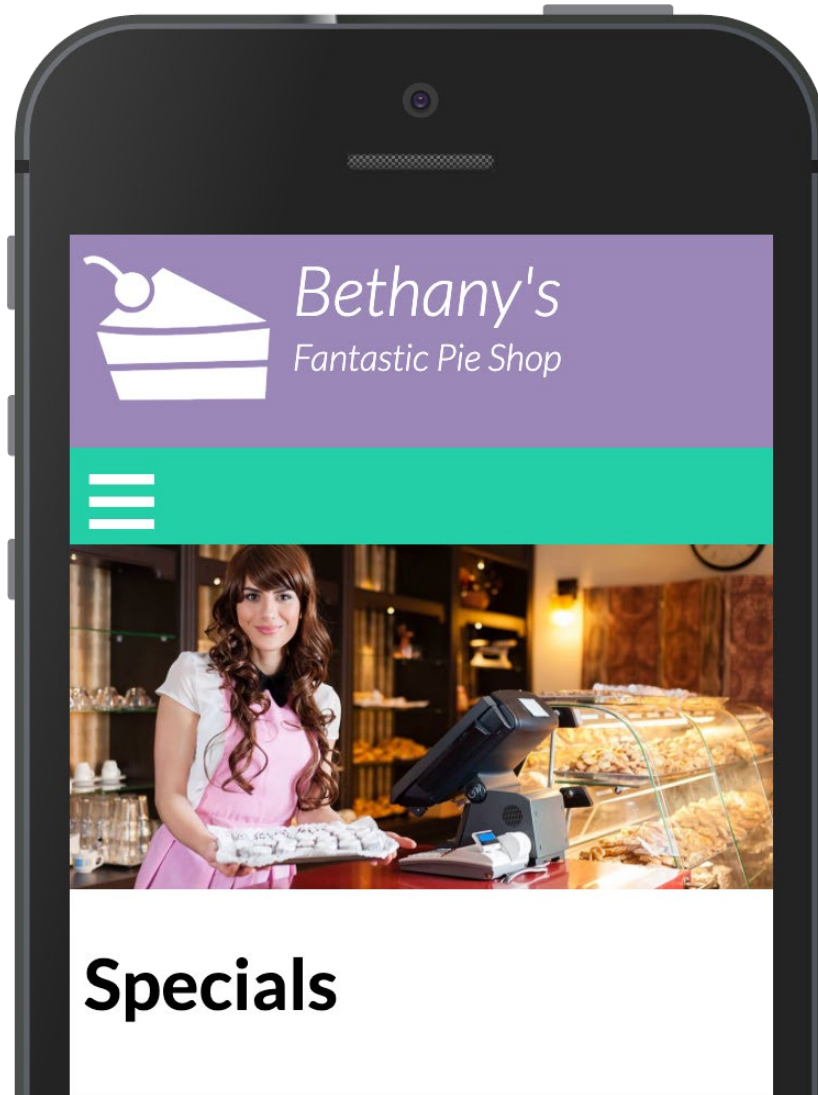
3

4

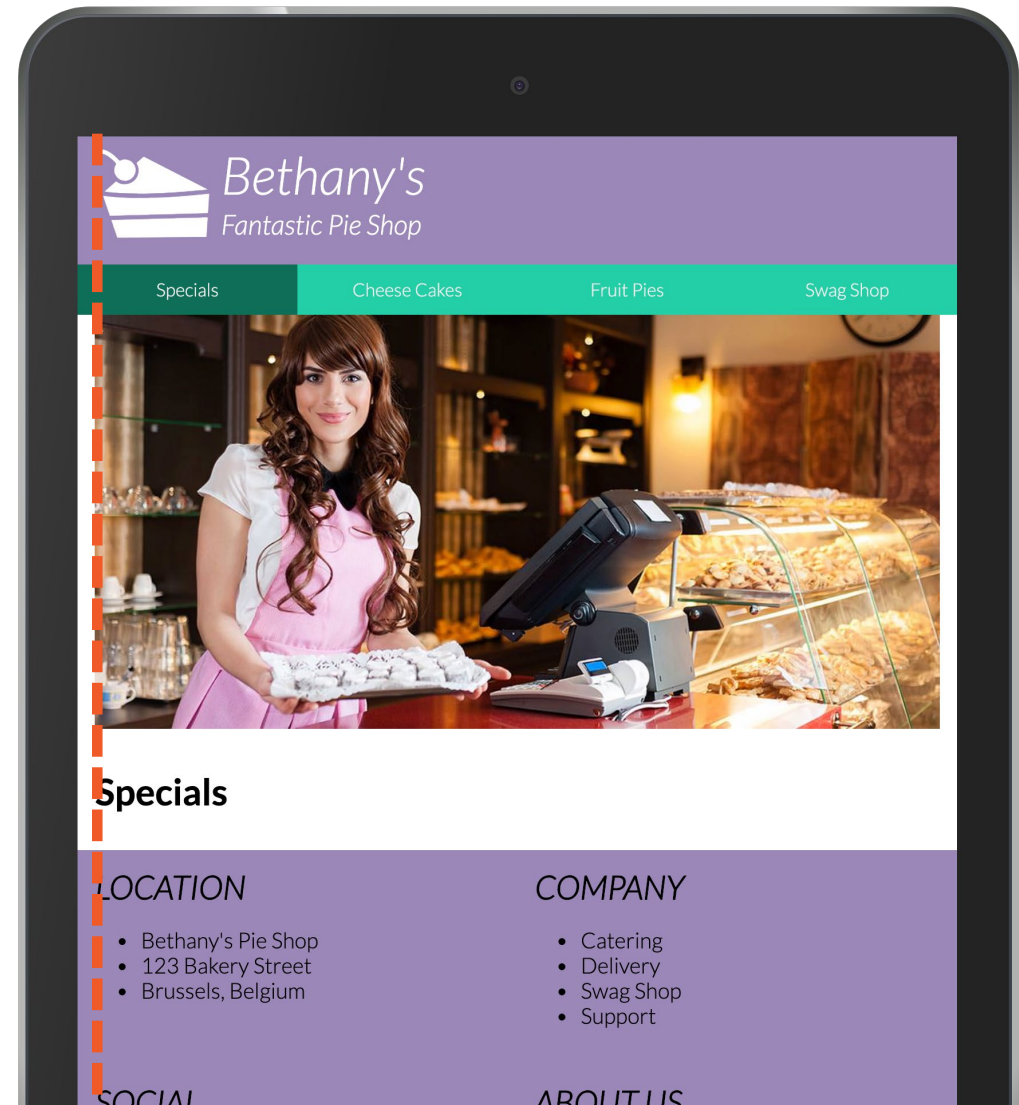
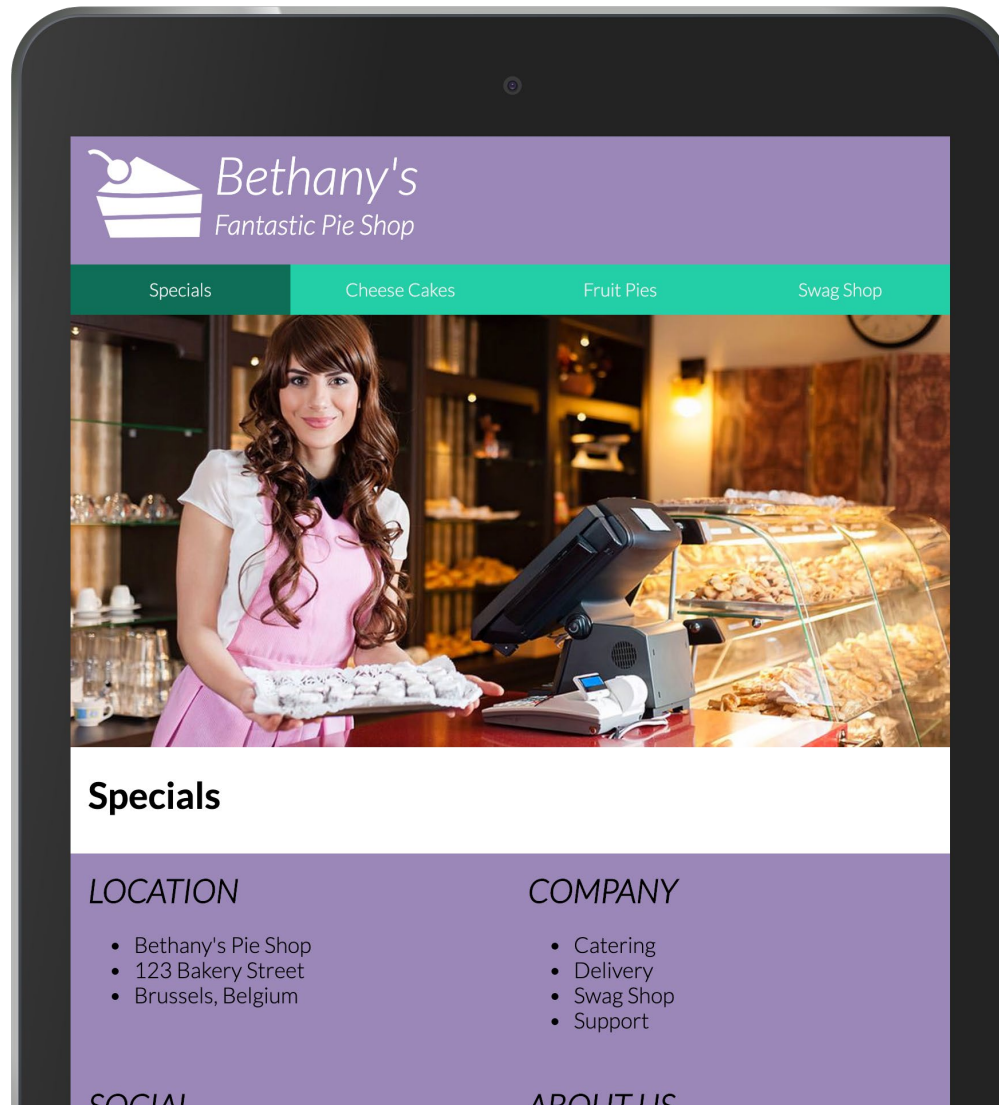


- ✔ View Version 1 with NO width/height
- ✔ View Version 2 with width/height
- ✔ View Version 3 with CSS and no width/height
- ✔ View Version 4 with CSS and width/height
- ✔ View Version 5 with CSS and width/height as a ratio

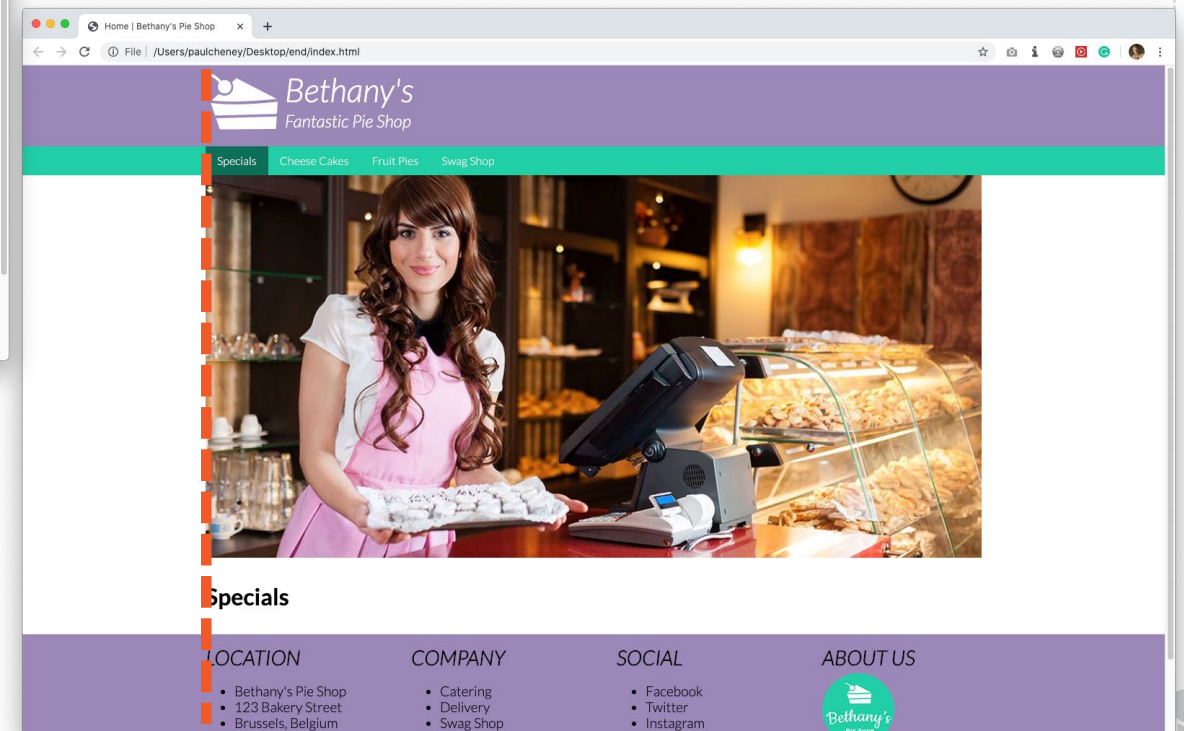
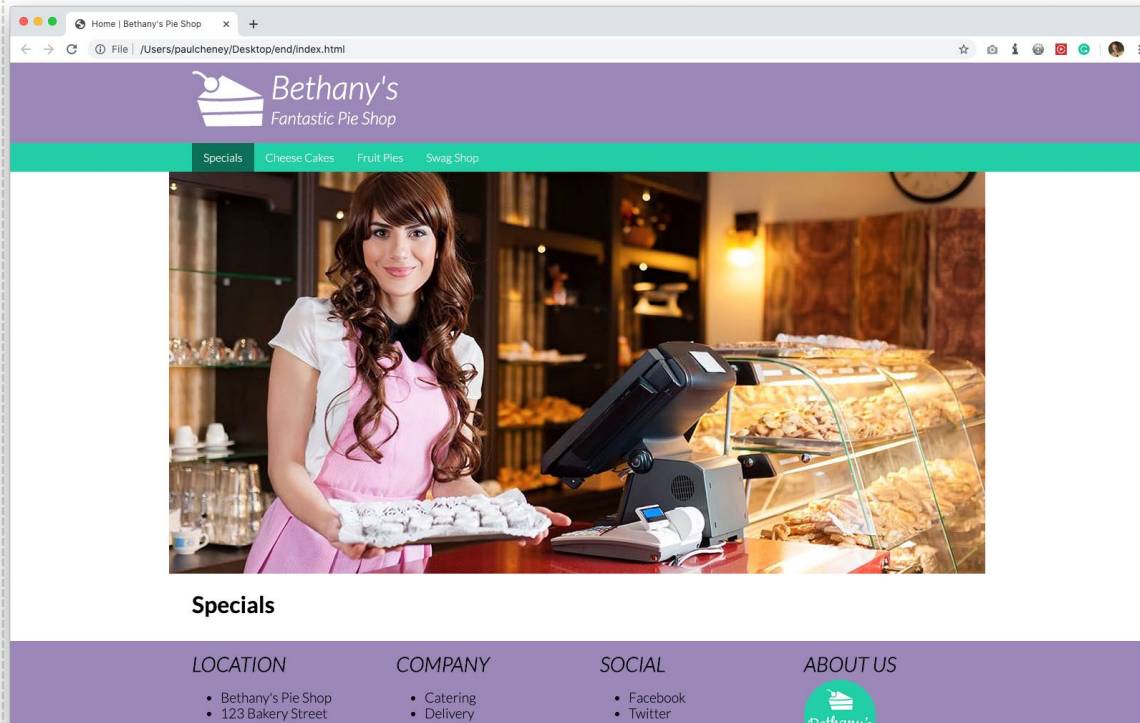
Options for Small Screens



Options for Medium Screens



Options for Large Screens



Options for Large Screens

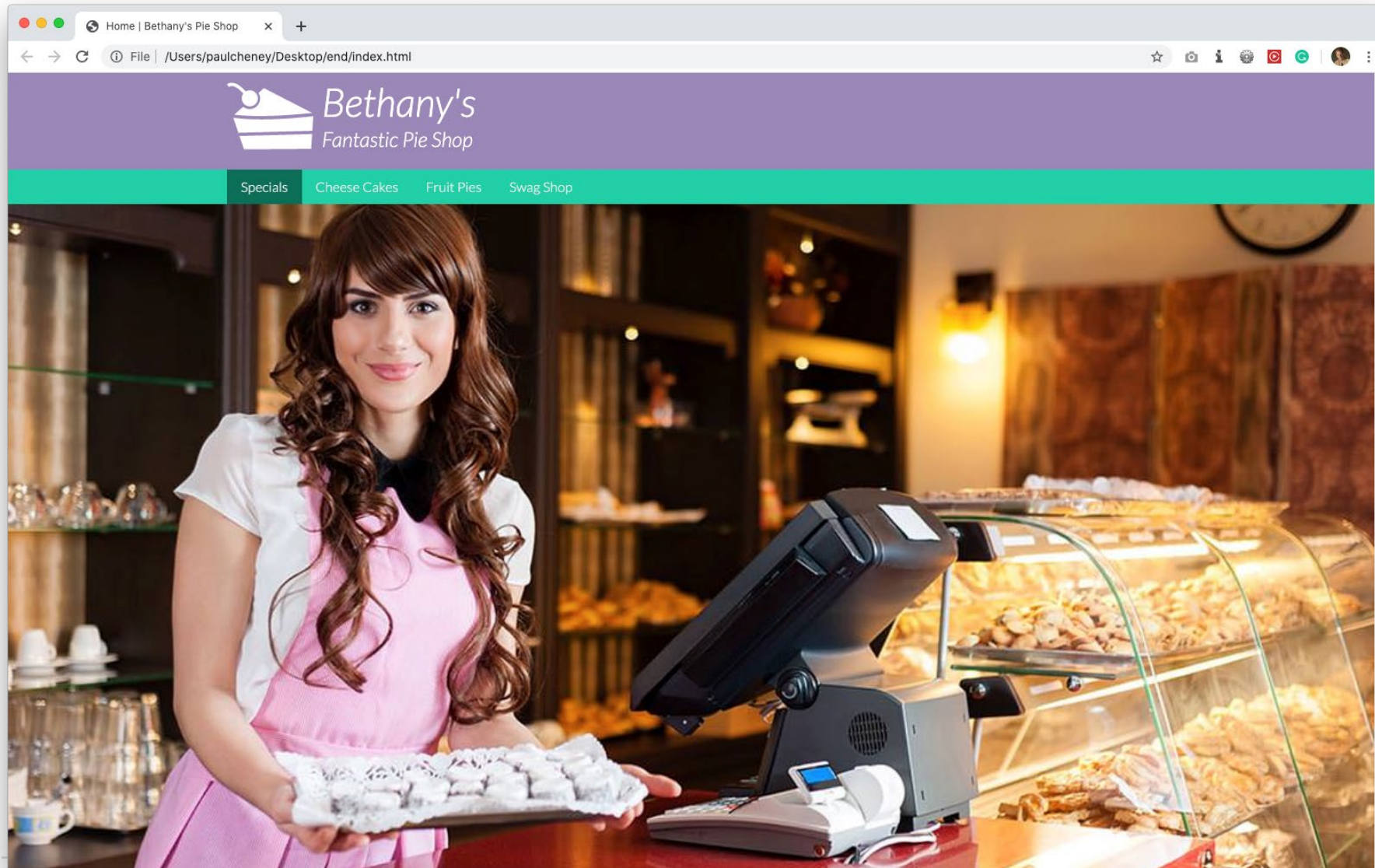


Image Compression

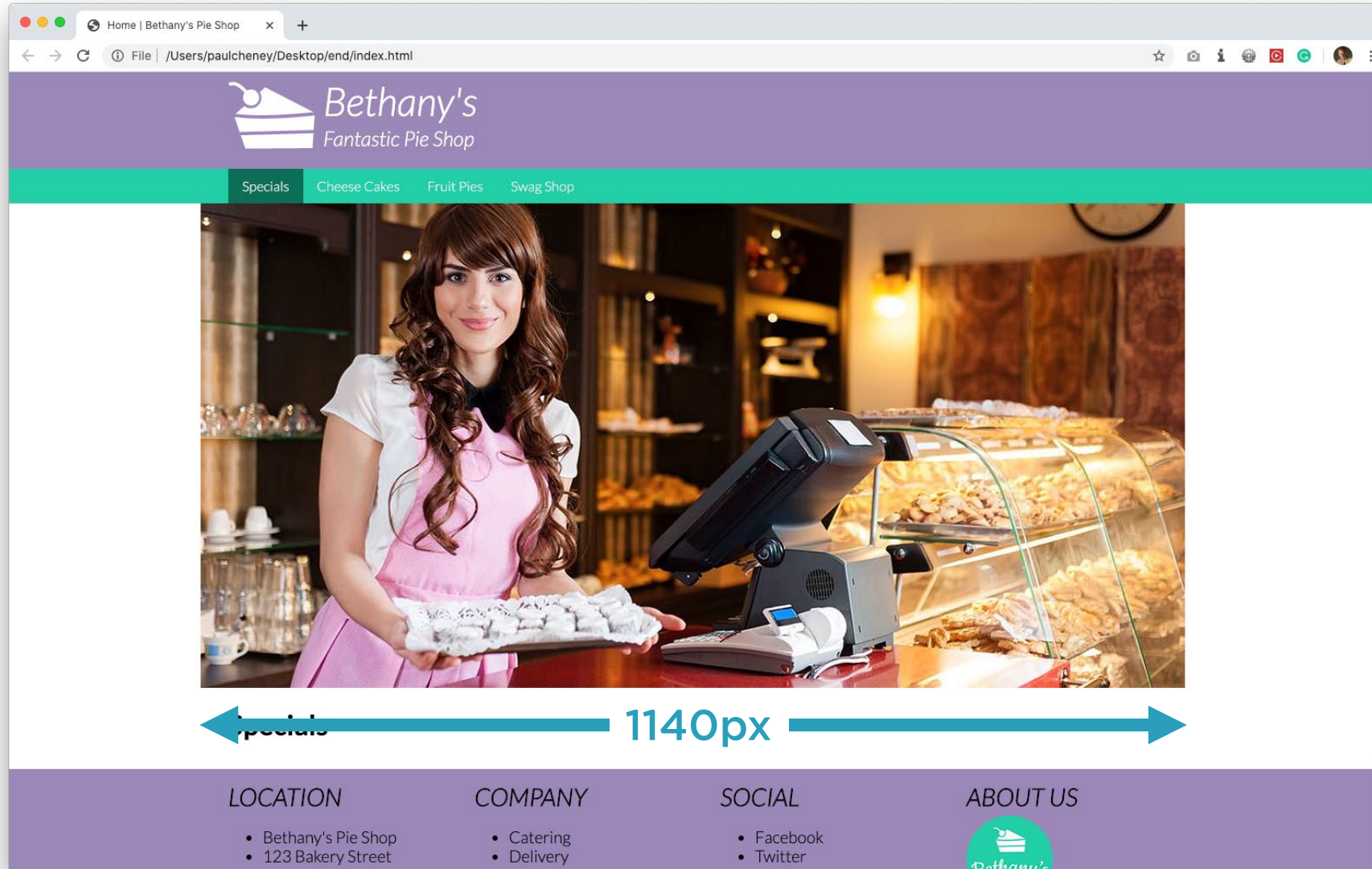


Image Quality and Size



Format
JPG

Quality
12

Size
557



Format
JPG

Quality
6

Size
143



Start File



demos



start



Demo



Fix the page title

Add the hero image

Try alternative layouts



Notice that the specials heading is just sitting there in the main tag. Since we are using a row / column approach to design, we need to place it in a division with a class of row and we will line it up on large screens with the header and footer by adding a class of limited. I am going to add a comment next to the end division.

We also need to add a matching section with a class of column. We since we want the specials to be full width all the time so we add a class of small-12. Now lets move the heading one inside and see what we have.

Notice that the page title is surrounded by the purple footer color. Remember that we need to add a class of clearfix to the main tag to stop this from happening.

Know as we change the width of the screen we can see that the page title is lining up beautifully with the other elements on the page. This is an example of consistent design.



Now that we have the row/column code in place, lets copy it and paste it below. Lets remove the heading from the top one and replace it with an image tag. Set the source to hero.jpg in the images folder. Also remember to add an alt tag for accessibility. Finally we will follow the new guidelines for images and add a width and height ratio.

When we view the result on a small screen we can seen that the page is all messed up.

This is where we go back to the small css file and add a main img selector. Then we set the width to 100% and the height to auto.

Now lets view it and as we scale the page from narrow to wide, we can see how the image scales properly. Notice that the image is aligned perfectly with the logo and footer information. Now lets look at another option.



If we remove the section tag from around the image like this...

And then scale the page from small to medium to large, we can see that image now touches the screen edge up till we hit the max width of 1140 which we can see her in the large css file.

Then the image stops growing and a white background is added to the edges of the page.

If we remove the class of limited from the division, then the image fills the screen all the time. As you may have guessed, when the page is wider than the image, the quality will start to go down because the image is being stretched larger than 1140 so it is pixelated.



Hands-on Responsive Web Design 2: Responsive Images and Sliders

by Paul Cheney

When developing any responsive website, typically you know the ins and outs of HTML5, CSS3, and SASS. This course teaches you how to implement responsive images using both image and picture tags that you can use in your next web development project.



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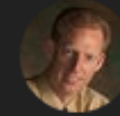


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Duration 2h 1m



Summary



Image history lesson

Image compression

Build the hero





Introduction

Basic Page with Semantic Tags

Style Sheets and Media Queries

Build the Header and Footer

Build Responsive Navigation

Build the Hero Image

Build this Weeks Specials

Responsive Fruit Pie Gallery

SASS CSS Preprocessor

Introduction to Bootstrap

Wrap Up

