8 Web page Design



# The Layout

This tutorial will show you the same web page that I used for my own site. There are many designs that you can use for flexbox, but I do happen to favor this one. It is very flexible. It contains the main section in the middle, at full size. It has a side bar section on each side. These side bars can be used for anything. Such as images, or hyperlinks to other sections of your site or even external sites.

When the page is reduced in width, you will notice that the center, main section goes to the top of the page, and the two side bars swoop underneath of the main section to form a sort of pedestal for your main dialog. If you leave these two sidebars blank, it really tends to look like a sort of platform holding up the middle section.

The orange arrows are pointing out the side bars which moved to the bottom of the main section, at a tablet size width.



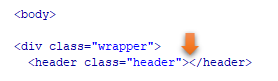
# The Banner

The Banner will be placed in the header tag on the web page. This is probably one of the most interesting things in this design. That is because it tends to morph into something else with each screen width reduction. But, in reality, you are behind this magic. We will be using both media queries, as well as different sized banner sizes. Instead of hard-cording our images in the html. We will be making all of our switching in the CSS.

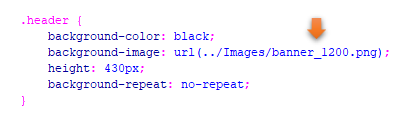
As you can see by the sizing, what actually works best for screen size may not actually fit perfectly in what the suggested specifications of the sizes may tell you.



Look at the **html** for the header. This is where the banner is located, and yet as I stated before, it is not there. That is because we are loading the banners from the CSS.



Now look at the **CSS**. We start by loading the **1200** size banner in the regular CSS code.



Now we do the rest of the magic in the media queries.

Watch it, you want to always make sure that your media queries come last in your style sheet. That is because if you start writing regular rules under the queries, you will find your CSS is simply not listening to you.

Watch it, if you are working with **min-width** in your media queries, you want to make sure that you start with your **smallest screen size first**. That is why we are starting with our screen size of 300. Of course, if you are using max-width, you will need to start with your largest size first. Order matters, when it comes to writing media queries.

