

Responsive Web Design – What is it?

One URL + Single Content + One Code + CSS3 Media Queries → Multiple Devices

Key Features of Responsive Web Design

- Flexible Grid
- Flexible Images
- CSS3 Media Queries & Screen Resolutions (coded breakpoints)

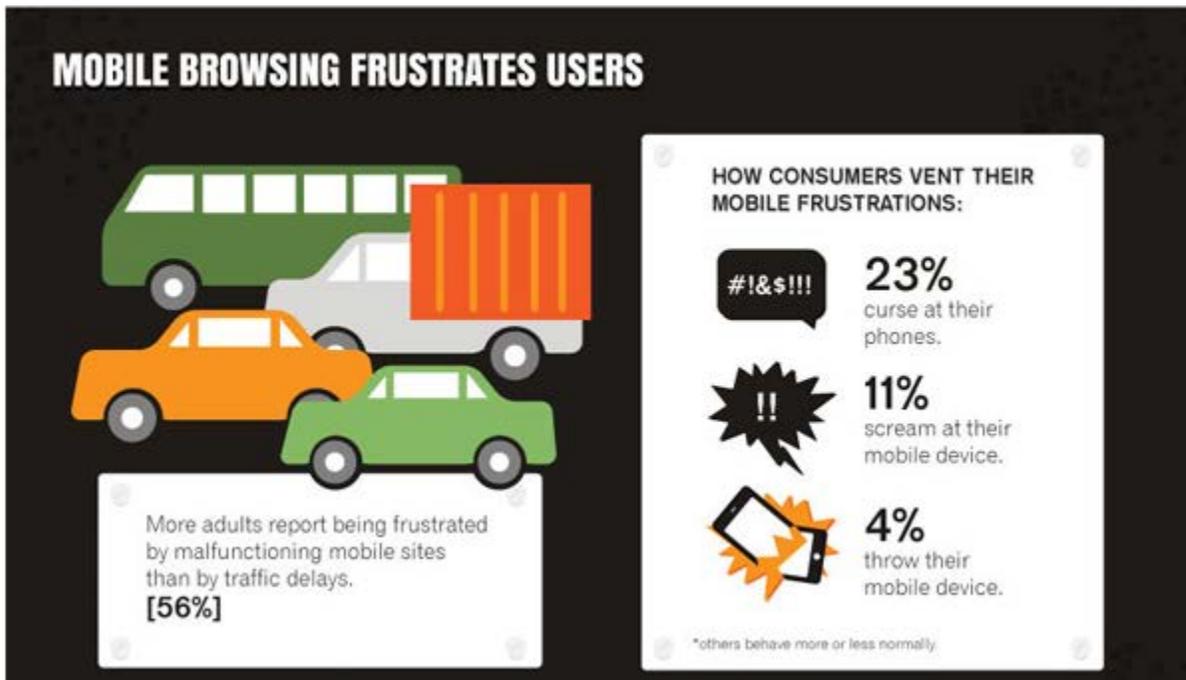
Content and Mobile-First Approach

Mobile-First = Content-First

Build with Progressive Enhancement: start with smallest size, grow larger

- Determine visual hierarchy
- Don't hide content on mobile
- Avoid large graphics

Design for Mobile-First to Avoid User Frustration

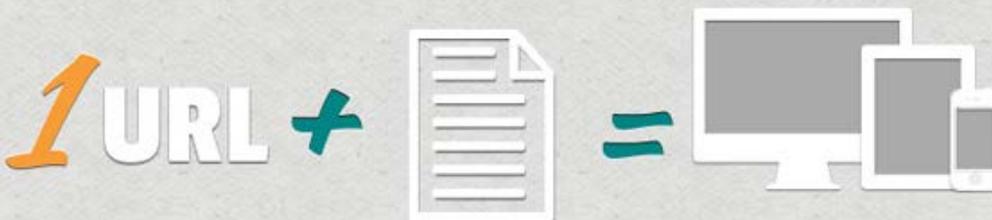


How Does Responsive Design Work?

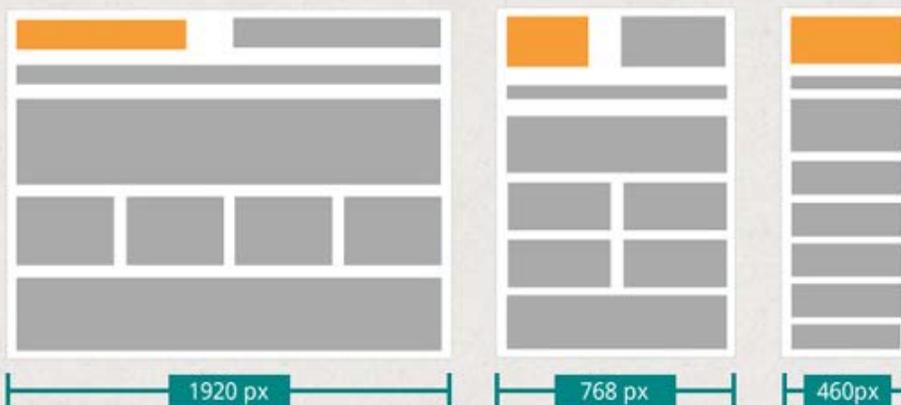
What Is it?



Responsive Design allows your website to respond to the device that it is being viewed on. This presents an optimal experience for all users regardless of whether they're using a phone, tablet, computer, or other devices.



So HOW DOES IT WORK?



Responsive design targets the width of each user's web browser to determine how much space is available and how it should display the website. Breakpoints are set up to allow us to target ranges that define specific types of displays. For instance, you'll generally see breakpoints for phones, tablets, and desktops.