Responsive design

About:

Responsive design lets websites ‘adapt’ to different screen sizes without compromising usability and user experience. Text, UI elements, and images rescale and resize depending on the viewpoint.

Responsive design allows developers to write a single set of HTML, CSS, and JavaScript code for multiple devices, platforms, and browsers. Responsive design is device-agnostic and aligns with the popular development philosophy of don’t repeat yourself (DRY).

But there’s more to it than that. It can be challenging to make an existing site responsive, but the benefits of investing in responsive design early on in a project far outweigh the effort required to achieve it.

This post covers the evolution of responsive design, the basic components that make it work, and a guide to creating and testing responsive web applications.