

Understanding Responsive Design

One Website – Different Devices

Module Content

Responsive Design – What & Why?

Working with Media Queries

Creating a Side Drawer

Comparing Units (specifically for font-size)

px

Easy to understand & translateable

Limited user focus & not scalable

%

Relative to parent element size

Hard to manage due to cascading nature

em

Size is relative to font-size

Hard to manage due to cascading nature

rem

Size is relative to root element's font size

Preferred choice if applicable

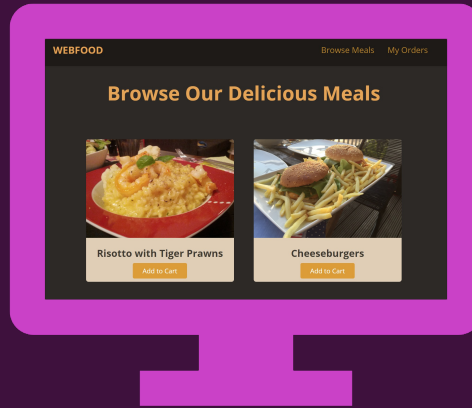


Note

Our overview is not the single truth. Unit choice is subject to personal preferences & individual project requirements.

But what about
responsive design?

Desktop First vs Mobile First

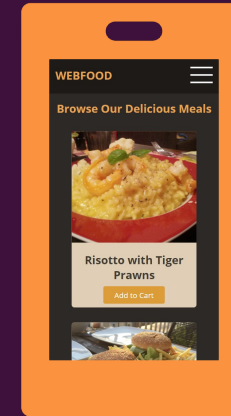


Desktop

Traditional approach

Office based audience

Feature-rich website



Mobile

Functional approach

Lifestyle/news focused
audience

“Content first”

Getting Started with Media Queries

```
@media (min width or max-width: 1200px) {  
  p {  
    font-size: 2rem;  
  }  
}
```



Desktop First

max-width



Mobile First

min-width



Common Breakpoints for Media Queries

Portrait



Smartphone

480px



Tablet

768px

Landscape



Notebook

1024px



Desktop Computer

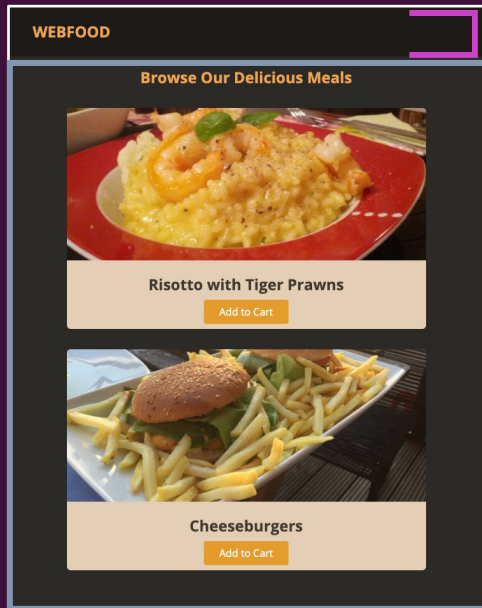
1200px



TV

>1200px

Hamburger Icon & Side Drawer



1

Create clickable hamburger button in mobile view

2

Open side drawer on first button click

3

Close side drawer on second button click



New Topics Covered

Internal links

Adds defined ID to URL

`href="#id"`

The target selector

Activates CSS rules if defined ID is selected
in URL

`#id:target`