

# CSS Media Queries

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A laptop screen is shown in the background, displaying a line graph with a blue line and a pie chart. The text is overlaid on the screen.

# What is it?

It is what is used to  
define different style  
rules for different  
media types/devices.

```
342 .widget-area-sidebar input {  
343 .widget-area-sidebar input {  
344 .widget-area-sidebar input {  
345 .widget-area-sidebar input {  
346 .widget-area-sidebar input {  
347 .widget-area-sidebar input {
```

An example would be how you could have one set of style rules for a computer screen, another for a mobile device, iPad, etc.

This image represents the same site viewed on multiple devices. The challenge is to achieve this in less efforts or maintaining different HTMLs for different devices. CSS3 introduced media queries to make life easy for web developers. CSS is not just to style HTML page but can do many more things than that. Now with 'media queries' in CSS3, we are able to target specific screen sizes.



# Media Queries looks at the compatibility of the device, it is used to check different things such as:

- Width and height of the viewpoint
- Width and height of the device
- Orientation (ex. Is the tablet or phone in portrait or landscape mode?)
- Resolution

.....

# Example





# Media Query Syntax

A media query consists of a media type and can contain one or more expressions, which resolve to either true or false. When a media query is true, the style rules are applied, following the normal cascading rules.

# Example

```
@media screen and (min-width: 480px) {  
    body {  
        background-color: lightgreen;  
    }  
}
```



# Sources:

- [http://www.w3schools.com/cssref/css3\\_pr\\_mediaquery.asp](http://www.w3schools.com/cssref/css3_pr_mediaquery.asp)
- [http://www.w3schools.com/css/css3\\_mediaqueries.asp](http://www.w3schools.com/css/css3_mediaqueries.asp)
- <http://tech.globant.com/en/whats-this-all-about-css-media-queries/>
- <http://alignbd.com/responsive-websites/>