

CSS3: Media Queries

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pluralsight 
hardcore developer training

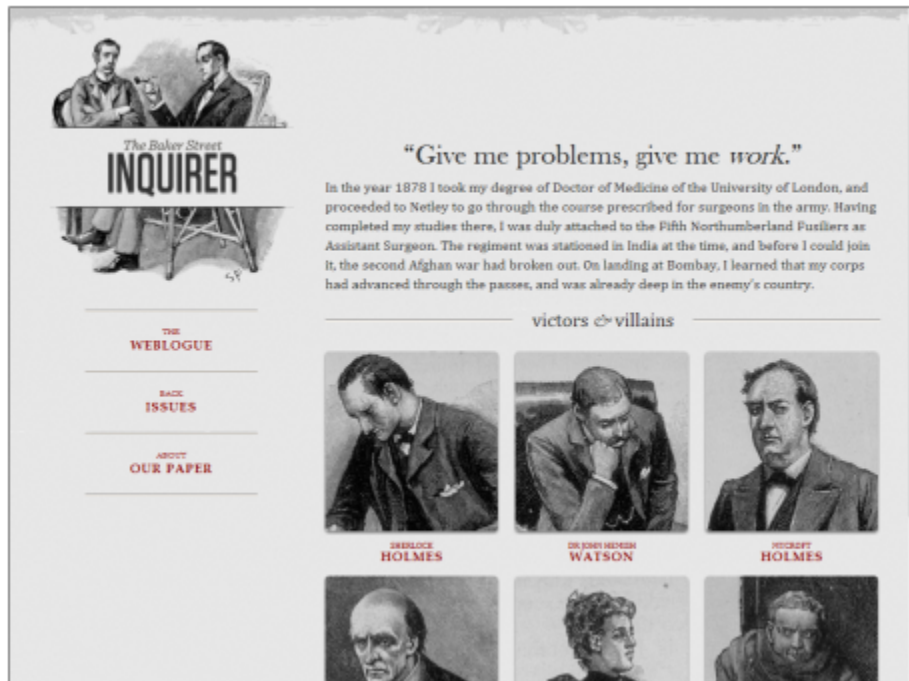
Module Overview

- Overview of “Responsive Design”
- Adjusting styles based on viewing dimensions
- Adjusting styles based on device constraints
- Summary

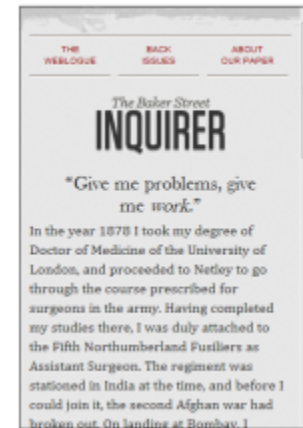
Rendered in *that* display? This changes everything!

Responsive Design

1024 x 768



320 x 480 (iPhone)



Resize this!

Responding to Viewing Dimensions

Media Queries – Viewing Area

```
@media screen and (max-width: 600px) {  
  .theView {  
    background: #dddddd;  
  }  
}  
  
@media screen and  
  (min-width: 600px) and (max-width: 900px) {  
  .theView {  
    background: #ffffaa;  
  }  
}
```

Oh the possibilities... (or not)

Responding to Device Constraints

Media Queries – Device Constraints

```
@media screen and (max-device-width: 480px) {  
  .theView {  
    background: #000000;  
  }  
}
```


CSS3 Demos Web Site

DEMO

Summary

- **Media queries enable responsive design**
- **Styles changed based on viewing dimensions**
- **Styles changed based on device constraints**