CSS Media Queries

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So What are Media Queries (in relation to CSS)?

▶ Introduced in CSS2

▶ The @**media** rule is **used** to define different style rules for different **media**types/devices

▶ CSS Media Queries are ways that you can adaptively build a website for different sizes (such as if you have an iphone screen or a browser screen)

▶ This is especially helpful to change up things like a horizontal menu to become a vertical menu when there isn't room for the menu

What can @media Queries be used for?

- In addition, @media Queries are used for
  - Printers
  - Speech readers
  - Television Internet screens (starting to be phased out)
  - Braile Devices (Ditto)
  - All screens for responsive web pages

What are some uses of @media queries?

▶ Some of the biggest uses are to create responsive web pages based upon the size of screens (to change the look of your site)

▶ This is something that is used by many different sites (such as Disney or any major web site)

▶ Example site…

```css
    body {
        color: white;
        text-shadow: -1px 0 black, 0 1px black, 1px 0 black, 0 -1px black;
    }

@media (max-width:450px) {
    body {
        background-image: url(../media/other/putin.jpg);
        background-size: 100%;
        background-repeat: no-repeat;
    }
}

@media (min-width:451px) and (max-width:750px) {
    body {
        background-image: url(../media/presidents/george_dubya_bush_on_a_shark.jpg);
        background-size: 100%;
        height: 100%;
    }
}

@media (min-width:751px) and (max-width:1024px) {
    body {
        background-image: url(../media/presidents/abe-lincoln-grizly-bear.jpg);
        background-size: 100%;
        width:auto
        height:100%;
        background-repeat: no-repeat;
    }
}

@media (min-width: 1025px) {
    body {
```

Questions?