

TUFTS COMP 20

OVERVIEW

- Intro to CSS
- Why use it?
- Terms
- Examples
- Questions & Answers

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CSS INTRODUCTION

UNDERSTANDING CASCADING STYLE SHEETS

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Intro to CSS

- Cascading Style Sheets (CSS) are documents that give creative control over HTML.
- They contain a list of styles for specific portions of a web page.
- Typically an external file (.css) that controls the presentation.

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ADVANTAGES TO USING STYLE SHEETS.

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- Separate the STRUCTURE & CONTENT
- Control multiple documents with one CSS
- Efficiency in load times for websites
- Makes document more accessible

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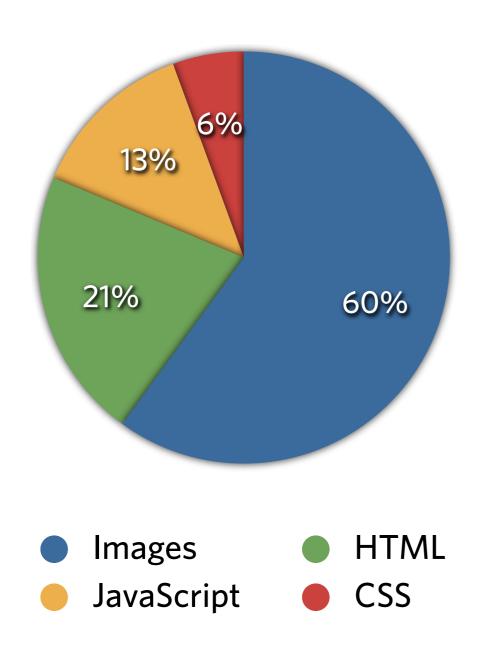






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THE INNARDS OF CSS

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STYLE

A rule that describes how to format a particular portion of a web page

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p{font-size:14px; color:#FF0000;}

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Selector



Declaration

p{font-size:14px; color:#FF0000;}



Property: Value;

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the BOX MODEL

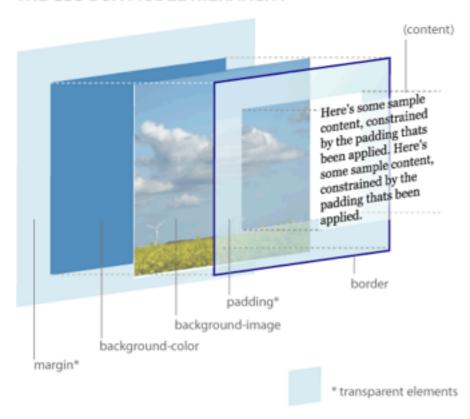
Elements in a web page are rectangular with many ways of being controlled.

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the BOX MODEL



THE CSS BOX MODEL HIERARCHY



- Height & Width
- Background
- Color
- Padding
- Border
- Margin
- Position

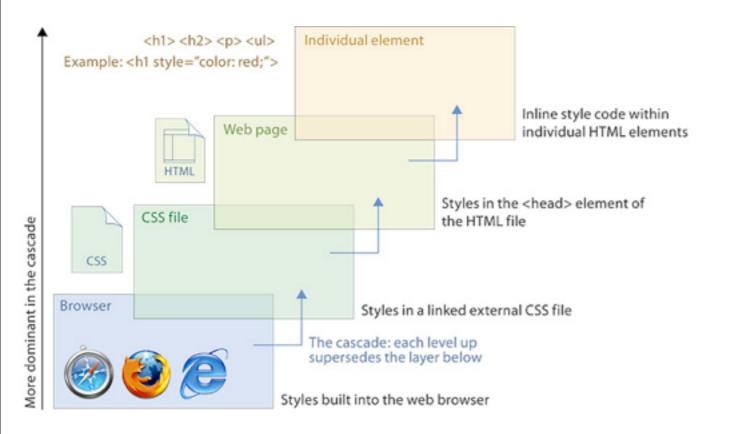
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the CASCADE

A sorting method that assigns a weight to each style.

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the CASCADE



```
p{
font-family:Georgia, "Times
New Roman", serif;
font-size:14px;
font-weight:bold;
font-style: normal;
color:#009900;
}

p{font-style:italic;
color:#66CCFF;}
```



TEST DRIVE

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PARAGRAPHS

The HTML

Hello World!

RESULT:

Hello World!

The CSS

```
p{
font-family:Georgia, "Times New Roman",
serif;
font-size:14px;
font-weight:bold;
font-style: italic;
color:#009900;
text-shadow: 2px 2px 2px #000;
}
```

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The HTML

```
    Apples
    Oranges
    Pears
    Plums
```

The CSS

```
ul{border-left:5px #990000 solid;}
li{
color:#333333;
font-size:12px;
line-height:1.4;
}
```

RESULT:

- Apples
- Oranges
- Pears
- Plums

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The HTML

```
<div class="produce">
   Today's selection:

        Apples
        Oranges
        Pears
        Plums

</div>
```

The CSS

```
div.produce{
background:#CCCCCC;
box-shadow: 2px 2px 5px #888;
}
#fruit{font-weight:bold; line-height:1.8;}
```

RESULT:

Today's selection:

- Apples
- Oranges
- Pears
- Plums

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Public Affairs Communications

Multimedia Calendar Photo Services Home Gazette Contact

PUBLICATIONS



Harvard Home harvard.edu

Oldest US institution of higher learning, devoted to teaching and research excellence



Harvard Gazette

news.harvard.edu/gazette/ The University's official newspaper, highlighting faculty research, administrative staff, students, and events



Harvard Science science.harvard.edu/

All things science from schools, departments, and institutes



Harvard World Media news.harvard.edu/hwm/

In-depth multimedia reports about the work of Harvard faculty members around the world

ADDITIONAL RESOURCES

Other communications offices at Harvard

Contact information from across the University

Harvard at a glance harvard.edu/about/

The name Harvard comes from the college's first benefactor. the young minister John Harvard

OVERVIEW

Harvard Public Affairs ©

Communications acts as liaison between the University and its many public audiences, partners, and stakeholders, handling relations with Harvard's host communities, state and federal governments, and the news media. The department also manages the events and information center, located in Holyoke Center.

The government relations team represents the University's interests in legislation and regulation affecting higher education and maintains relationships with everyone from key thinkers on the national political scene to regulators to local lawmakers.

The community affairs team nurtures the relationship between the University and its host communities by working closely with local leaders, schools and educators and civic organizations in Boston and Cambridge, as well as other communities where Harvard has a presence.

The communications team manages the University's outbound communications, serves as a resource to local, national and international media organizations, and manages the University's online presence. It also provides a range of multimedia and photographic services, and it produces several print and online publications for the University, including harvard.edu and the Harvard University Gazette .



PRESS RELEASES

SEPTEMBER 2009 Harvard Hotline 877-366-6606

SEPTEMBER 2009

Harvard University to offer groundbreaking doctoral program for education leaders

SEPTEMBER 2009

> Harvard Management Company announces fiscal 2009 results

AUGUST 2009

> Katherine N. Lapp named Harvard executive vice president

JUNE 2009

\$100,000 in grants go to community projects

JUNE 2009

Vautin to serve as acting vice president for administration

More Press Releases »

Public Affairs Comr#header #mast{}

#navbar ul.site{}

Calendar

Photo Services

Multimedia

Contact

建设 经净 法保险经验 田 山田

div.outline{}



Harvard Home harvard.edu Oldest US institution of higher learning, devoted to teaching and research excellence



Harvard Gazette
news.harvard.edu/gazette/
The University's official
newspaper, highlighting facul
research, administrative staff,



Harvard Science science.harvard.edu/ All things science from schoo departments, and institutes



Harvard World Media news.harvard.edu/hwm/ In-depth multimedia reports about the work of Harvard faculty members around the world

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the college's first benefactor,

OVERVIEW div.main{} Harvard Public Affairs &

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div.highlights{}

18 SEPTEMBER 2009 Harvard Hotlin 877-366-6606

15 SEPTEMBER
2009

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10 SEPTEMBER
2009
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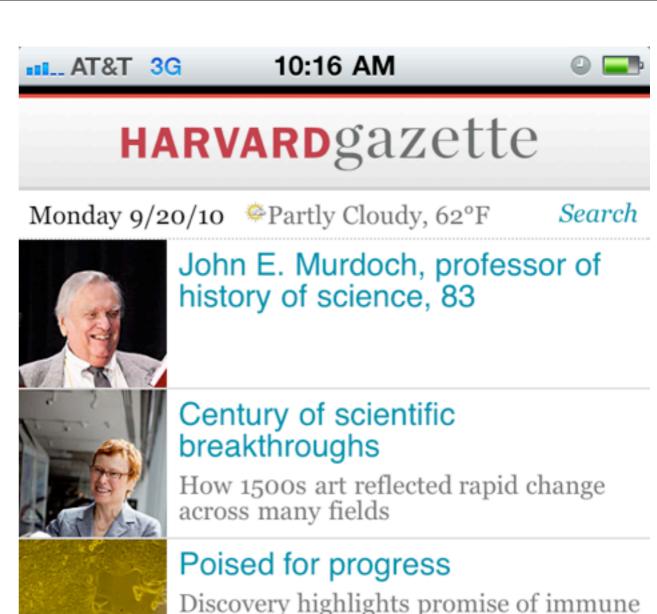
11 JUNE
2009

Vautin to serve as acting
vice president for
administration

More Press Releases »

hvd.gs





Discovery highlights promise of immune system-based therapies



'It is within our grasp'

Big gains in search for life beyond Earth, astronomer says



Former White House press aides recall

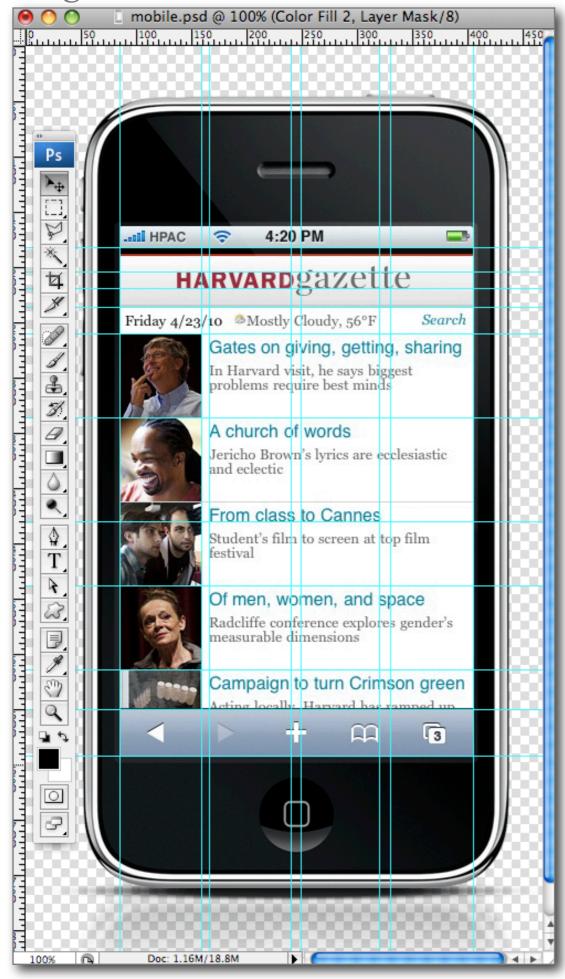


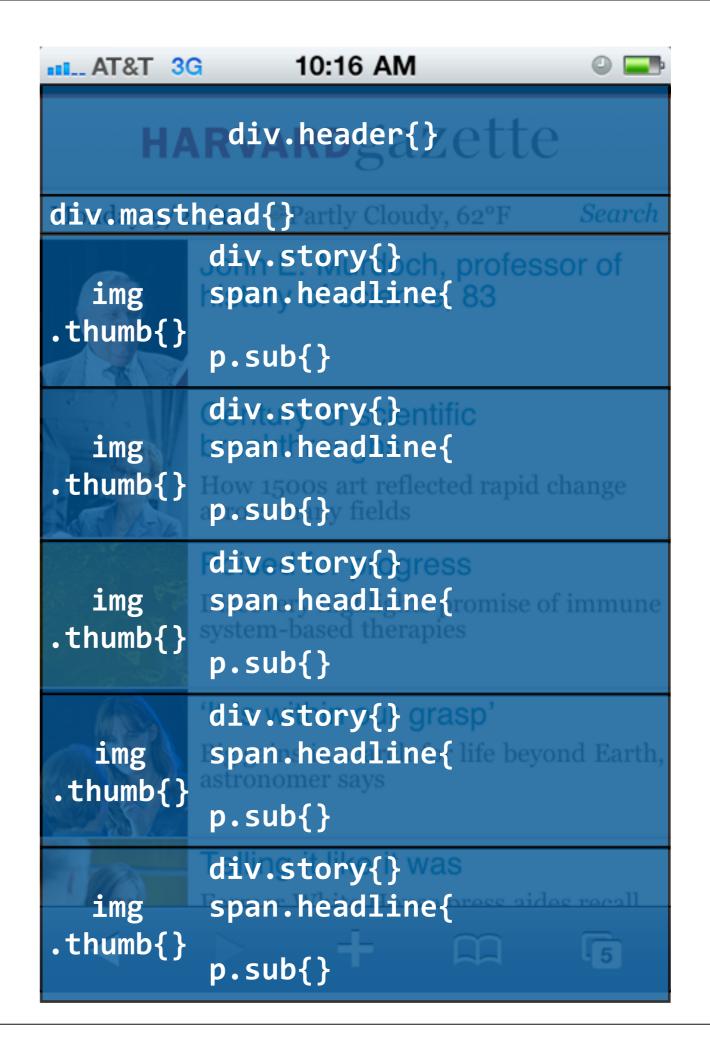






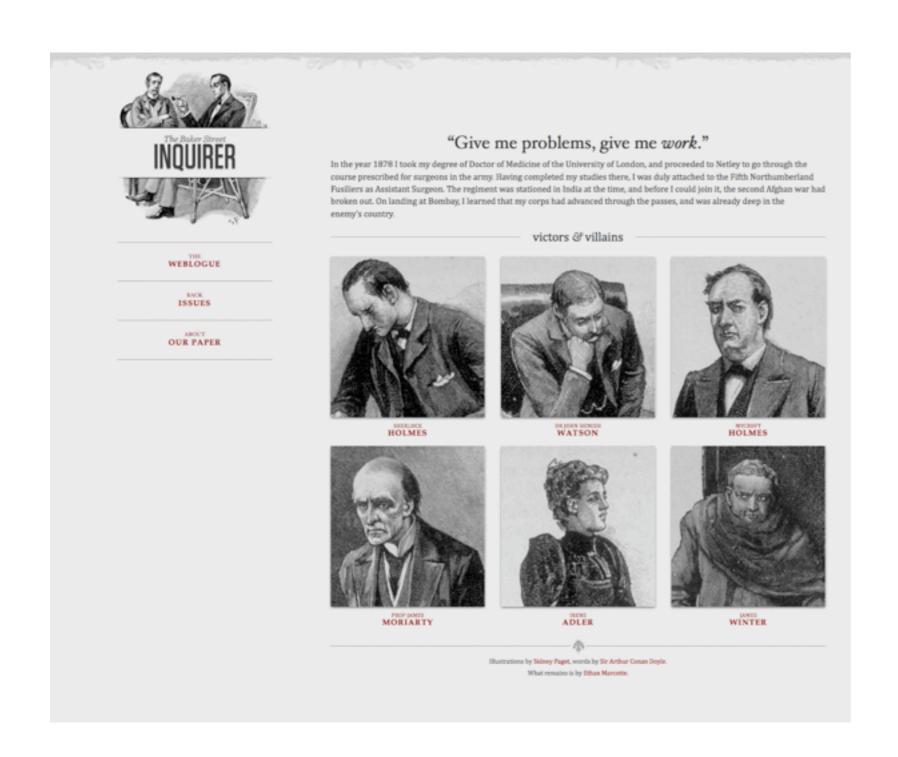
hvd.gs





Responsive CSS

http://bit.ly/9JuxDH





WEBLOGUE

ISSUES

ABOUT OUR PAPER

"Give me problems, give me work."

In the year 1878 I took my degree of Doctor of Medicine of the University of London, and proceeded to Netley to go through the course prescribed for surgeons in the army. Having completed my studies there, I was duly attached to the Fifth Northumberland Fusiliers as Assistant Surgeon. The regiment was stationed in India at the time, and before I could join it, the second Afghan war had broken out. On landing at Bombay, I learned that my corps had advanced through the passes, and was already deep in the enemy's country.

victors & villains



HOLMES







WATSON

HOLMES







PROF JAMES
MORIARTY

ADLER

MINTER

Illustrations by Sidney Paget, words by Sir Arthur Conan Doyle. What remains is by Ethan Marcotte.

CCLCR HEX&RGB

HANDOUT CHEAT SHEET

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COLOR

```
HEX = Hexidecimal
h1{
  color:#80281F;
}
```

```
RGB = Red, Green & Blue
h1{
    color:rgb(128,40,31;
    }
```

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RESOURCES

- Box Model Demo: http://bit.ly/13QxqE
- CSS REMIX: http://cssremix.com/
- Opera Web Curriculum: http://bit.ly/tQIV3
- Intro to CSS 2.1 & CSS 3: http://bit.ly/tnrf4
- A List Apart: http://www.alistapart.com/

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THE END QUESTIONS?

twitter: @ctraganos chris@arlingtoninteractive.com