

css

CASCADING STYLE SHEETS

OVERVIEW

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

CSS

INTRODUCTION

UNDERSTANDING CASCADING STYLE SHEETS

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.**

CSS

WHY USE IT?

ADVANTAGES TO USING STYLE SHEETS.

Why CSS?



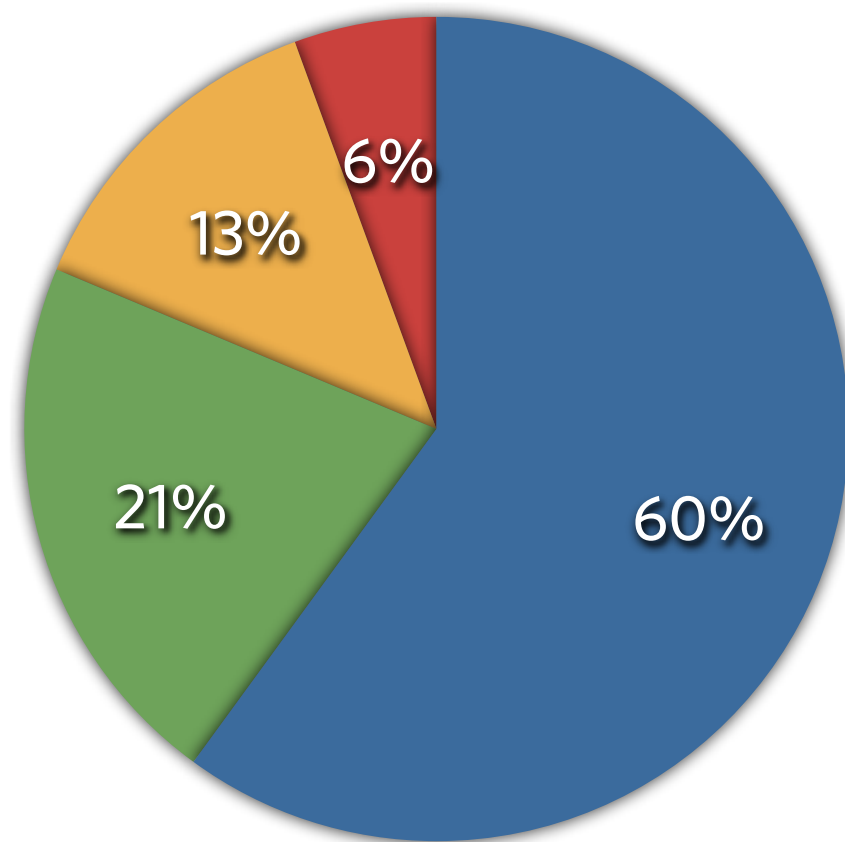
- **Separate the STRUCTURE & CONTENT**
- Control multiple documents with one CSS
- Efficiency in load times for websites
- Makes document more accessible

Why CSS?



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Why CSS?



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

CSS **TERMS**

THE INNARDS OF CSS

STYLE

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

STYLE

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

STYLE

Selector



Declaration



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

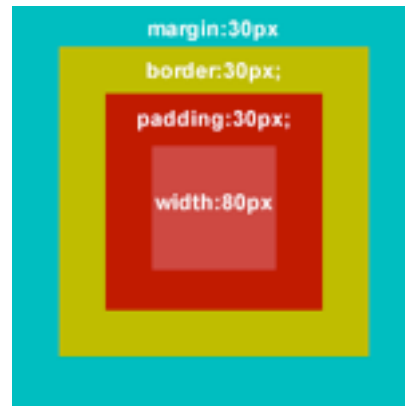


Property: Value;

the **BOX MODEL**

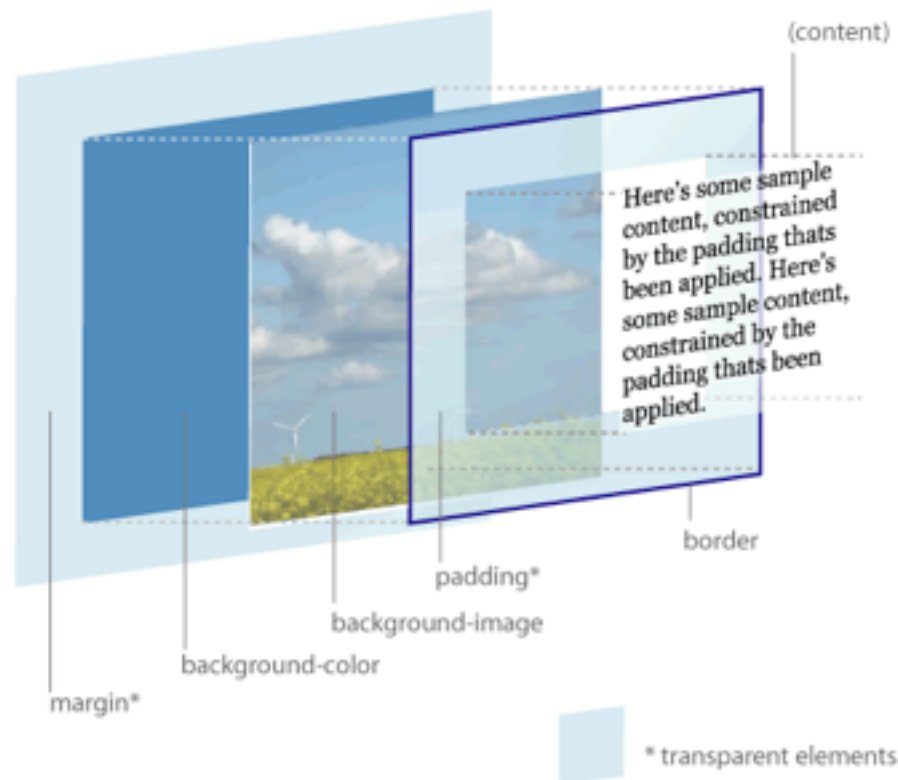
**Elements in a web page are rectangular
with many ways of being controlled.**

the **BOX MODEL**



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

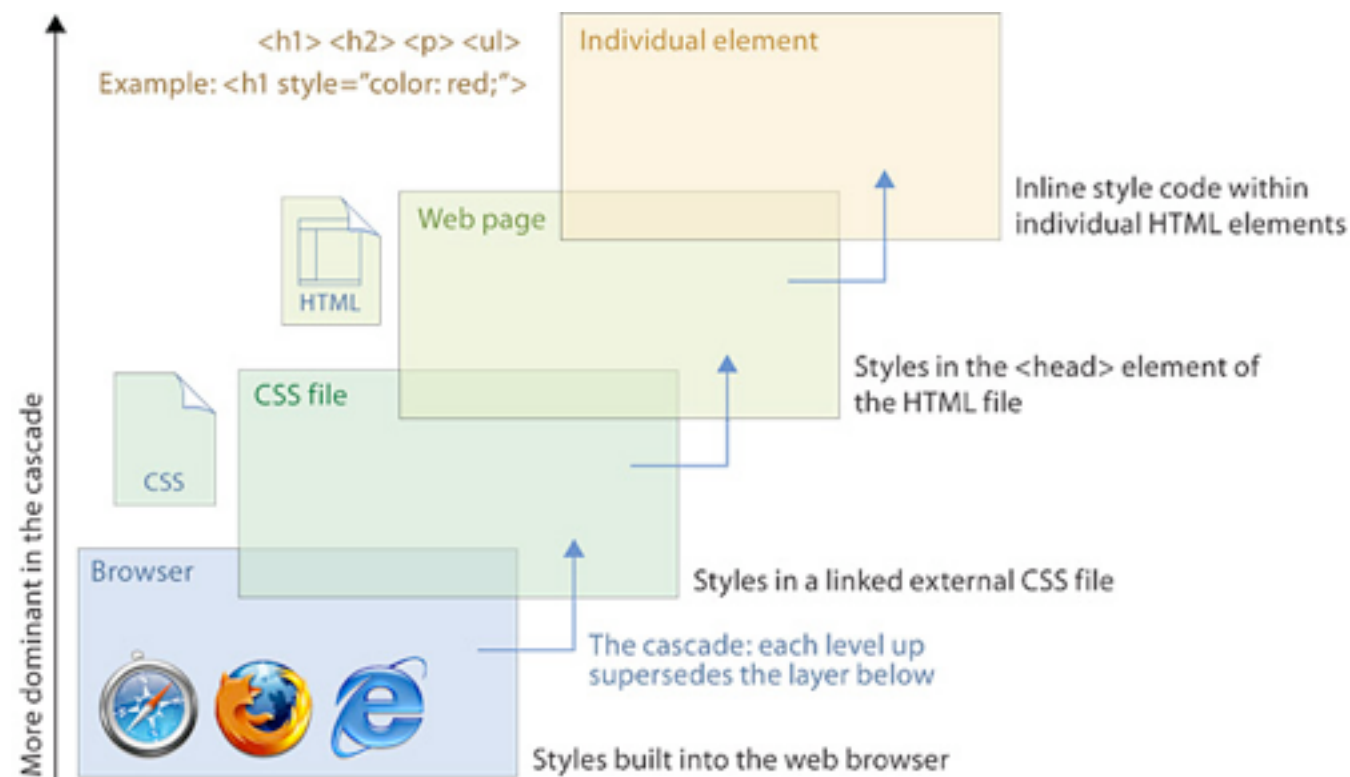
THE CSS BOX MODEL HIERARCHY



the **CASCADE**

**A sorting method that assigns
a weight to each style.**

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;}
```

CSS EXAMPLES

TEST DRIVE

PARAGRAPHS

The HTML

```
<p>Hello World!</p>
```

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;  
}
```

RESULT:

Hello World!

LISTS

The HTML

```
<ul>
  <li>Apples</li>
  <li>Oranges</li>
  <li>Pears</li>
  <li>Plums</li>
</ul>
```

RESULT:

- Apples
- Oranges
- Pears
- Plums

The CSS

```
ul{border-left:5px #990000 solid;}

li{
color:#333333;
font-size:12px;
line-height:1.4;
}
```

DIVs

The HTML

```
<div class="produce">
  <p>Today's selection:</p>
  <ul id="fruit">
    <li>Apples</li>
    <li>Oranges</li>
    <li>Pears</li>
    <li>Plums</li>
  </ul>
</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

Public Affairs & Communications

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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

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

18

SEPTEMBER
2009
Harvard Hotline
877-366-6606

15

SEPTEMBER
2009
Harvard University to offer groundbreaking doctoral program for education leaders

10

SEPTEMBER
2009
Harvard Management Company announces fiscal 2009 results

20

AUGUST
2009
Katherine N. Lapp named Harvard executive vice president

30

JUNE
2009
\$100,000 in grants go to community projects

11

JUNE
2009
Vautin to serve as acting vice president for administration

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Public Affairs & Communications

#header #mast{}

#navbar ul.site{}

Calendar

Photo Services

Multimedia

Contact

PUBLICATIONS

div.outline{}

**Harvard Home**
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div.main{}

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PRESS RELEASES

div.highlights{}

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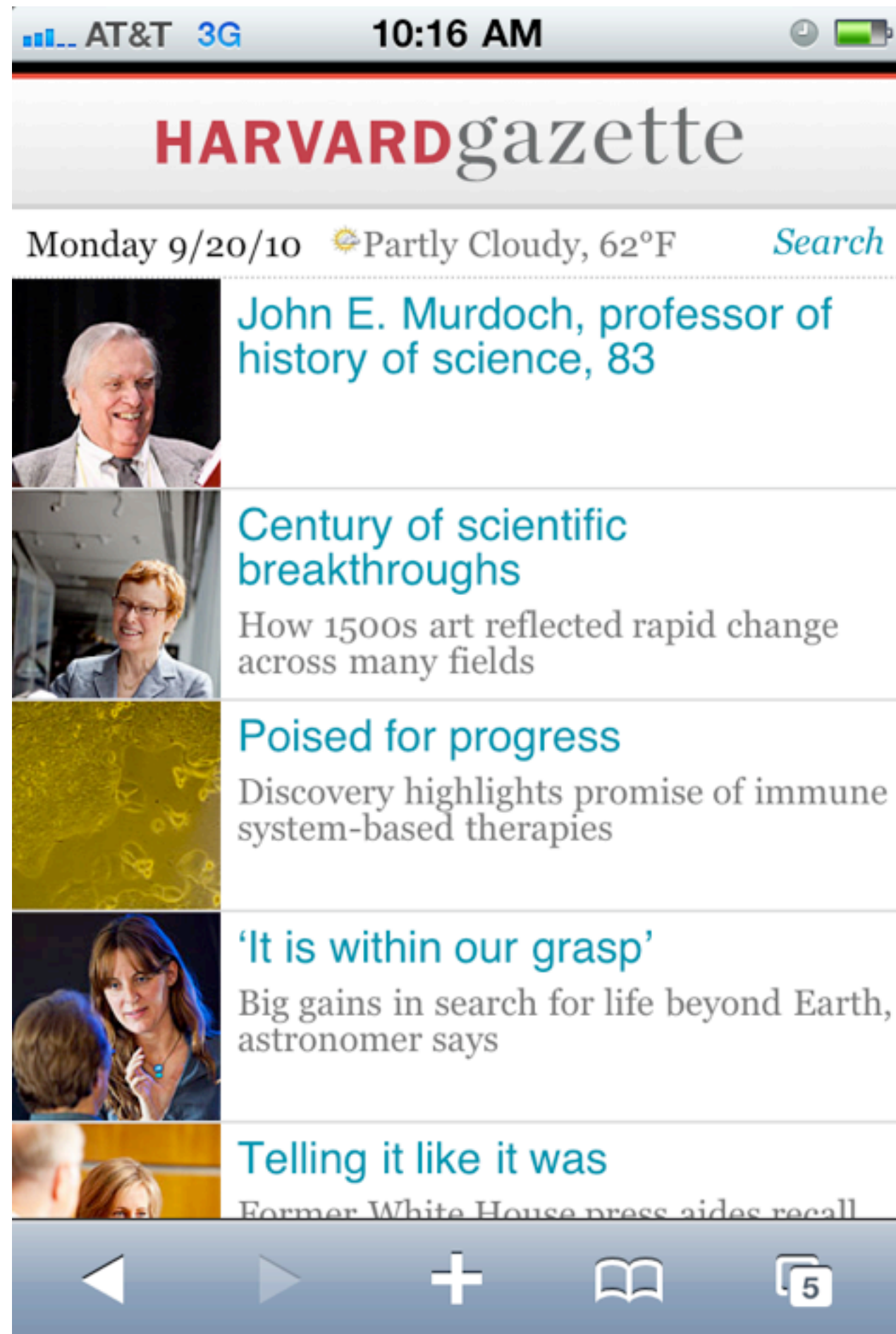
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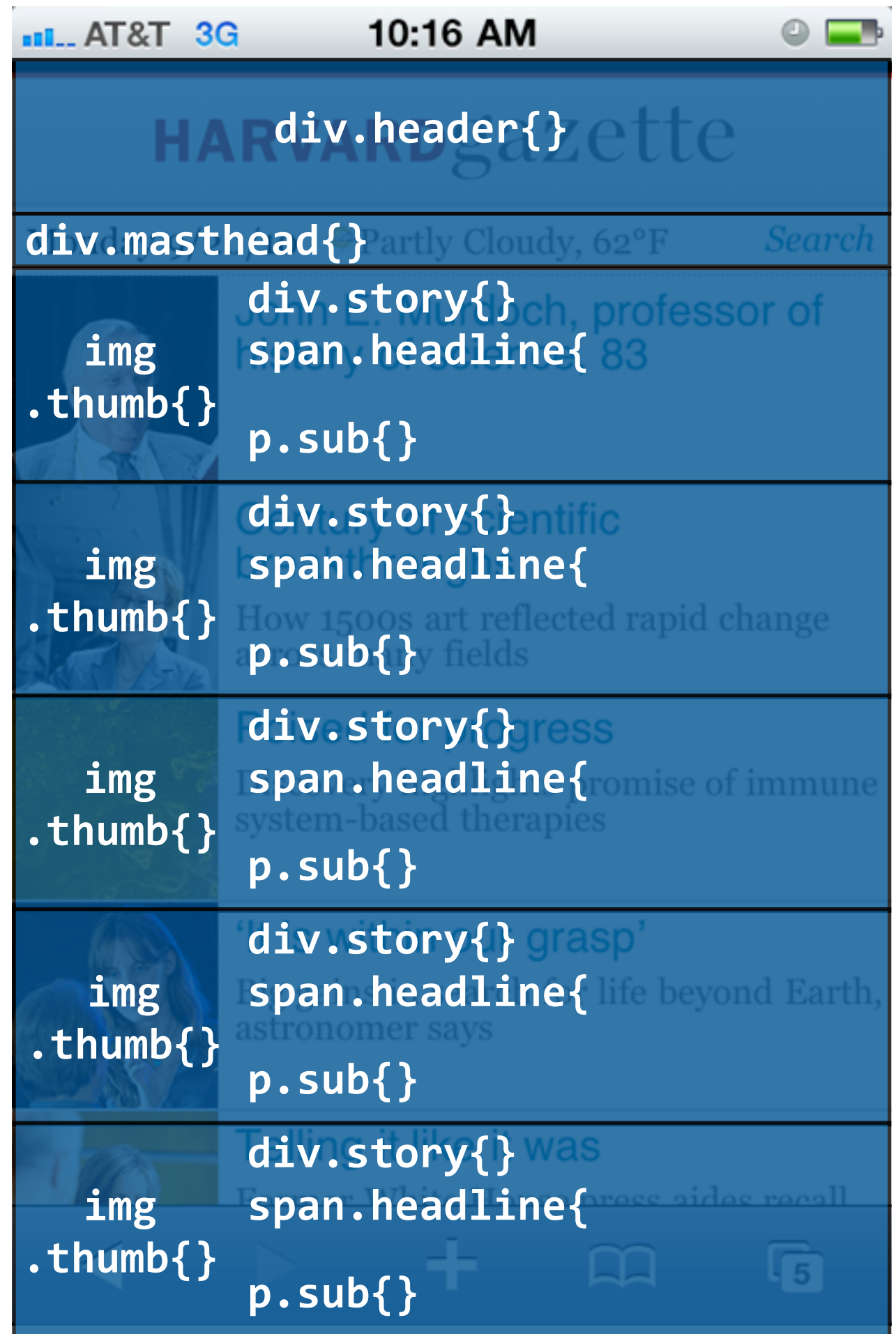
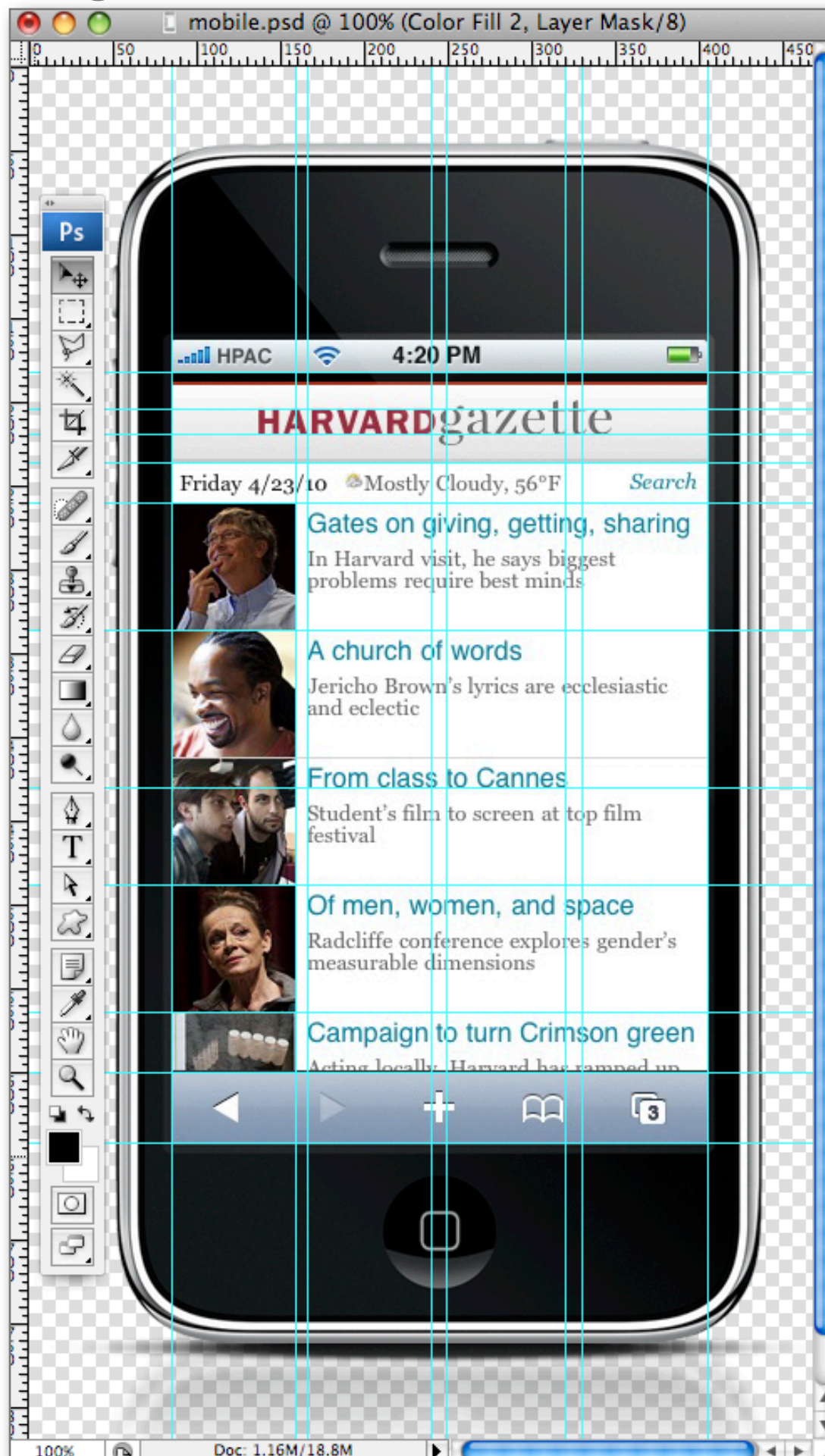
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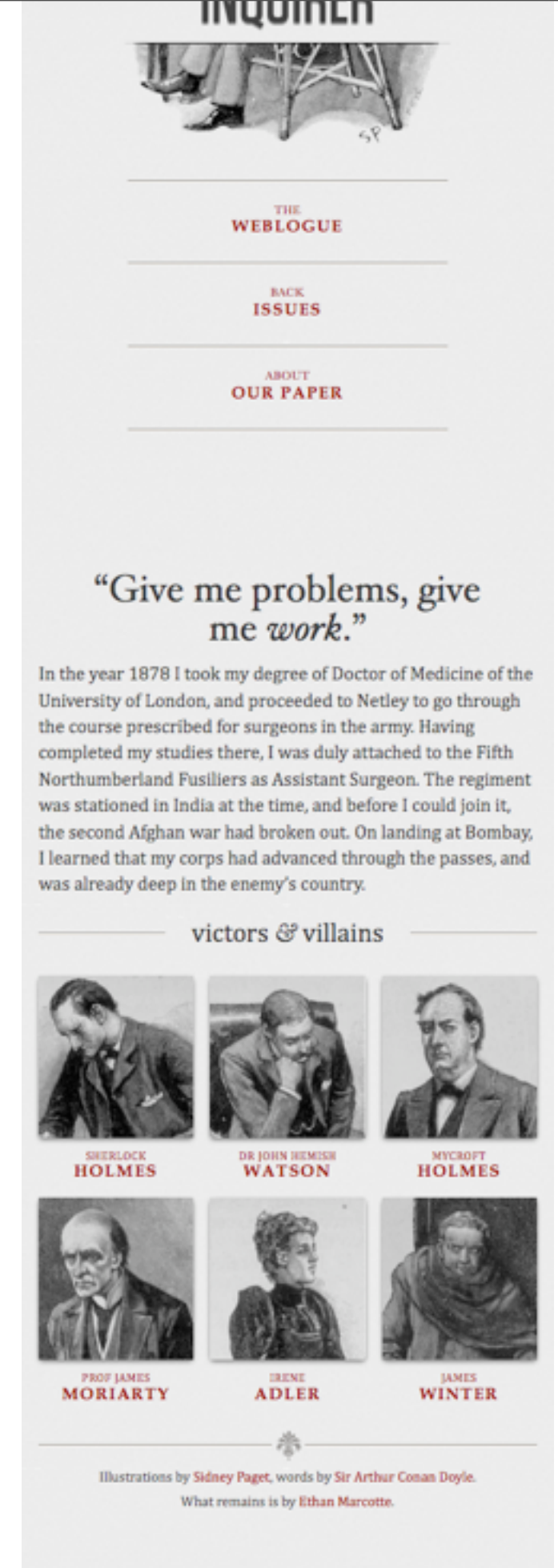
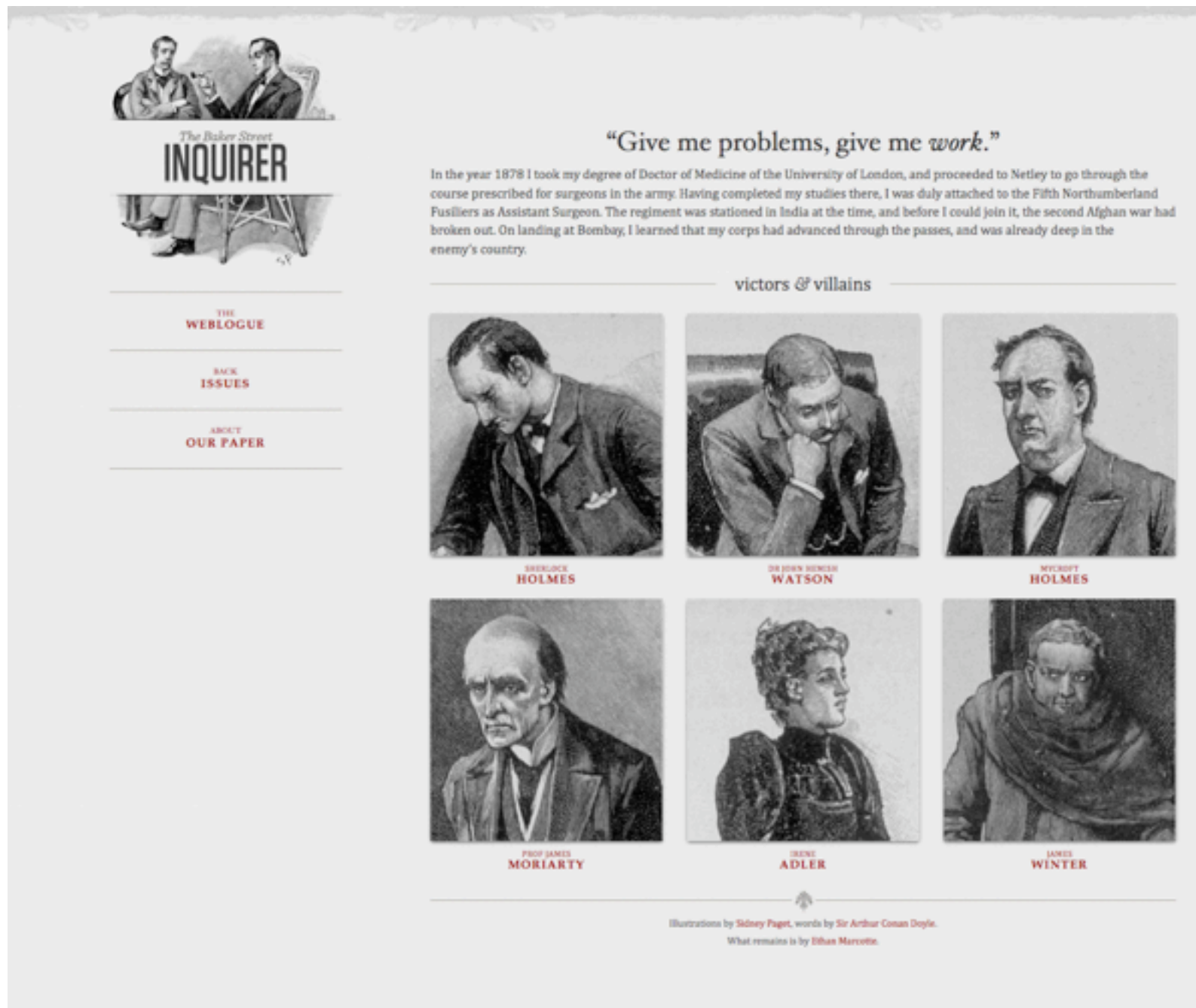
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Responsive CSS

<http://bit.ly/9JuxDH>



COLOR

HEX & RGB

HANDOUT CHEAT SHEET

COLOR

HEX = Hexidecimal

```
h1{  
  color:#80281F;  
}
```



RGB = Red, Green & Blue

```
h1{  
  color:rgb(128,40,31;  
}
```


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/>

THE END

QUESTIONS?

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chris@arlingtoninteractive.com