Introducing CSS

Head First Lounge

to the Head First Lounge

ounge is, no doubt, the biggest trendsetter in
to sample the eclectic offering of elixirs, teas,
stay a bit longer and enjoy the multicultural
at combines a harmony of taste, texture, and
st in fresh and healthy ingredients.

at the lounge, you'll enjoy a smooth mixture of
tic sounds, filling the lounge and adding an
o your dining experience. The decor surrounds
ing sentiments of sights from eras past. And,
ounge offers free wireless access to the
your laptop.

r guarantee: at the lounge, we're committed to
oviding you, our guest, with an exceptional
erience every time you visit. Whether you're
t stopping by to check in on email over an
ir, or are here for an out-of-the-ordinary
ner, you'll find our knowledgeable service
f pay attention to every detail. If you're not
satisfied, have a Blueberry Bliss Elixir on us.

night, join us in the backroom as our
hoice selection of trance and drum&bass
cious tiki-themed dance floor. Or just hang
fy white vinyl booths at the dance bar. You
delivered from the main lounge right to the
had enough of the boat, just head back to
lax. And, no matter where you find yourself

Weekly Elixir Specials

Lemon Breeze

The ultimate healthy drink,
this elixir combines herbal
botanicals, minerals, and
vitamins with a twist of
lemon into a smooth citrus
wonder that will keep your
immune system going all day
and all night.

Chai Chiller

Not your traditional chai, this
elixir mixes maté with chai
spices and adds an extra
chocolate kick for a
caffeinated taste sensation
on ice.

Our Elixirs

Green Tea Cooler

Chock full of vitamins and minerals, this elixir combines the healthful benefits of green tea with a twist of chamomile blossoms and ginger root.

Raspberry Ice Concentration

Combining raspberry juice with lemon grass, citrus peel and rosehips, this icy drink will make your mind feel clear and crisp.

Blueberry Bliss Elixir

Blueberries and cherry essence mixed into a base of elderflower herb tea will put you in a relaxed state of bliss in no time.

Head First Lounge

Welcome to the Head First Loun

The Head First Lounge is, no doubt, the biggest trend
elixirs, teas, and coffees, or, stay a bit longer and e
harmony of taste, texture, and color with the best in

During your stay at the lounge, you'll enjoy a smoot
and adding an extra dimension to your dining exper
of sights from eras past. And, don't forget, the loun
laptop.

Our guarantee: at the lounge, we're co

Segway'n USA

Documenting my trip around the US on my very own Segway!

August 20, 2012

Well I made it 1200 miles already, and I passed through some interesting places on the way:

City	Date	Temperature	Altitude	Population	Diner Rating
Walla Walla, WA	June 15th	75	1,204 ft	29,686	4/5
Magic City, ID	June 25th	74	5,312 ft	50	3/5
Bountiful, UT	July 10th	91	4,226 ft	41,173	4/5
Last Chance, CO	July 23rd	102	4,780 ft	265	3/5
Truth or Consequences, NM	August 9th	93	4,242 ft	7,289	5/5
	August 27th	98			Tess 5/5 Tony 4/5
Why, AZ	August 18th	104	860 ft	480	3/5

The cities I visited on my Segway'n USA travels

July 14, 2012

I saw some Burma Sh

June 2, 2012

My first day of the trip! I can't believe I finally got everything packed and ready to go. Because I'm on a Segway, I wasn't able to bring a whole lot with me:

- cellphone
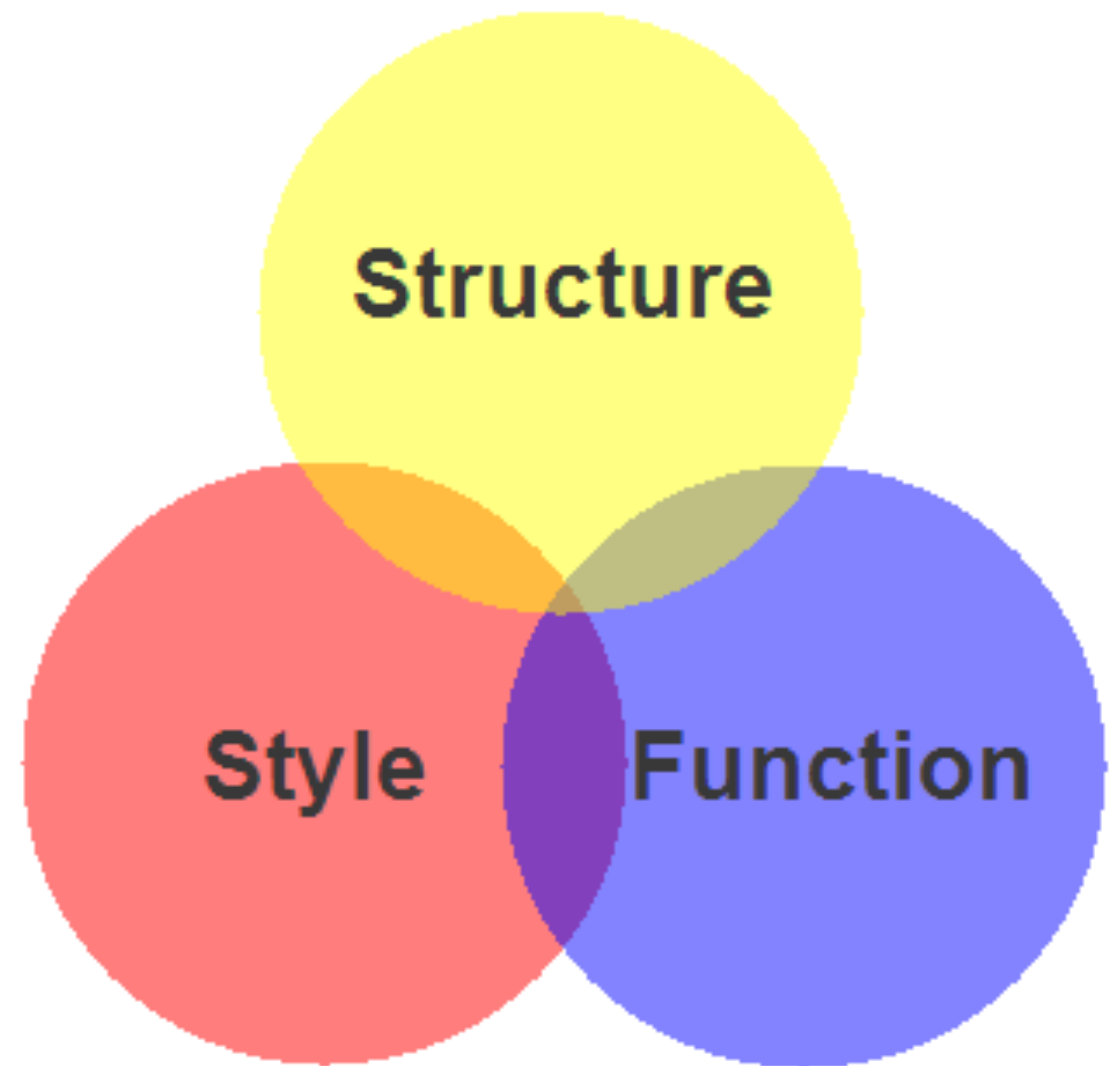- iPod
- digital camera
- and a protein bar

Just the essentials. As Lao Tzu would have said, "A journey of a thousand miles begins with one Segway."

...providing all the caffeine
you need to power your
life. just drink it.

ITY COFFEE, QUALITY CAFFEINE

buzz Coffee, we are dedicated to filling all your caffeine
hrough our quality coffees and teas. Sure, we want you to
great cup of coffee and a great coffee experience as well,
re the only company that actively monitors and optimizes
levels. So stop by and fill your cup, or order online with
ur new Bean Machine online order form, and get that quality
Starbuzz coffee that you know will meet your caffeine standards.

And, did we mention *caffeine*? We've just started funding the
guys doing all the wonderful research at the Caffeine Buzz. If you
want the latest on coffee and other caffeine products, stop by and
pay them a visit.

OUR STORY

"A man, a plan, a coffee bean." Okay, that doesn't make a
palindrome, but it resulted in a damn good cup of coffee.
Starbuzz's CEO is that man, and you already know his plan: a
Starbuzz on every corner.

In only a few years he's executed that plan and today you can
enjoy Starbuzz just about anywhere. And, of course, the big news
this year is that Starbuzz teamed up with Head First readers to
create Starbuzz's Web presence, which is growing rapidly and
helping to meet the caffeine needs of a whole new set of
customers.

STARBUZZ COFFEE BEVERAGES

We've got a variety of caffeinated beverages to choose from at
Starbuzz, including our House Blend, Mocha Cafe Latte,
Cappuccino, and a favorite of our customers, Chai Tea.

We also offer a variety of coffee beans, whole or ground, for you
to take home with you. Order your coffee today using our online
Bean Machine, and take the Starbuzz Coffee experience home.

ORDER ONLINE with the BEAN
MACHINE
FAST
FRESH
TO YOUR DOOR

Why wait? You can order all our fine
coffees right from the Internet with our
new, automated Bean Machine. How
does it work? Just click on the Bean
Machine link, enter your order, and
behind the scenes, your coffee is
roasted, ground (if you want), packaged,
and shipped to your door.

Starbuzz Coffee

HOME BLOG INVENTIONS RECIPES LOCATIONS

BEVERAGES

House Blend, $1.49
Mocha Cafe Latte, $2.35
Cappuccino, $1.89
Chai Tea, $1.85

ELIXIRS

We proudly serve elixirs brewed by our
friends at the Head First Lounge.

Green Tea Cooler, $2.99
Raspberry Ice Concentration, $2.99
Blueberry Bliss Elixir, $2.99
Cranberry Antioxidant Blast, $2.99
Chai Chiller, $2.99
Black Brain Brew, $2.99

Starbuzz meets social media

3/10/2012

Here at Starbuzz we're embracing the social media craze. In fact, we're going further than
any of our competitors and we're very close to announcing a revolutionary new product that
links your coffee drinking directly to your social network. Forget "checking in"; we're going
way beyond that, and with this new product every sip of smooth, aromatic, hot Starbuzz
blend is going to to be shared with your social network.

Sound like science fiction? It's not; I'm already testing our final prototype social network cup
as I write this, which links you, the drinker, right to your favorite social networks. We've
made a huge investment to make this happen and we've created a reusable coffee cup
complete with RFID, NFC, Bluetooth, and Wifi (not to mention a few more things the tech
folks know about, because hey, I'm just the coffee guy).

So, keep your eyes out for this amazing new cup. And I'll be releasing a video teaser soon to
tell you all about this new invention, straight from Starbuzz Coffee.

Starbuzz uses computer science

3/10/2012

Have you ever noticed how efficient a Starbuzz Coffee house is? The lines always move fast,
and despite the astronomical number of different drinks any customer can order, we have
your drink up, hot (or cold if that's the way you want it) and ready in seconds. How do we do
it?

To pull this off, we take advantage of the latest and greatest in computer science. In fact, we
train our staff to be one big distributed computer. What do we mean by that? Well, we've
distributed computer, complete with your name and the drinks special instructions. Then
our specialized drink makers grab the next cup and go about working on your order until it's
finished.

With this design, we are able to horizontally scale our operation any time we want. All we
need to do is add more cashiers and drink makers (not to mention a fair amount of support
staff you never see) as the customer flow grows.

Most unique patron of the month

2/18/2012

Our most unique patron of the month award goes to a customer in Poulsbo, Washington,
whose daily morning order is a "six-splenda, no-foam, 130-degree non-fat-soy latte, with the
splenda stirred in before the milk is added." Do we have unique customers or what?

---

buzz/styledform.html

chine

and click "order now" to o

le Blend

ole bean
round

2012

ift wrap
nclude catalog with order

karoo Banzai
nzai Institute
Angeles

0050
18-555-1212

Great coffee!
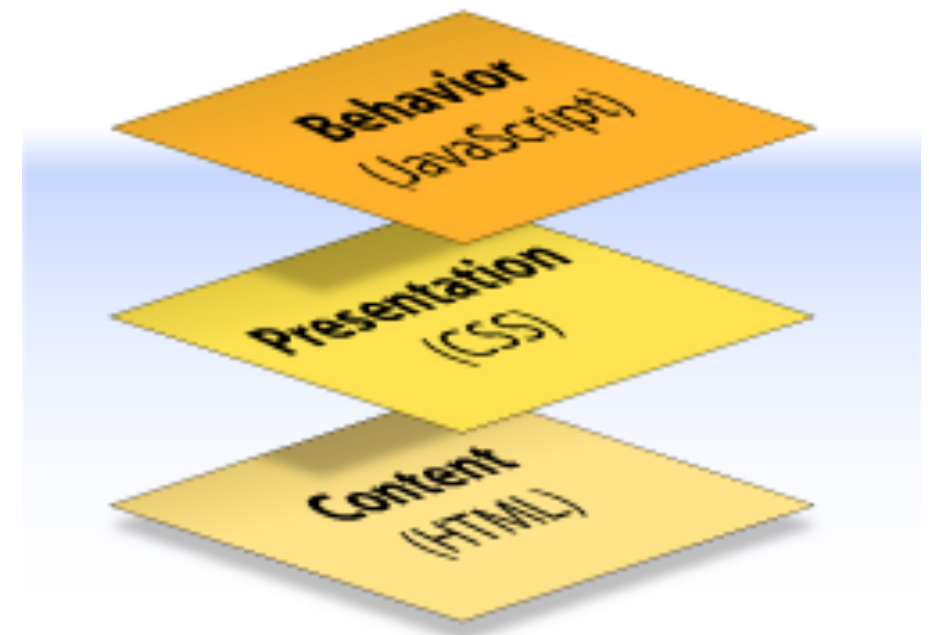
Order Now

Markup, Style, Function

- Markup (XHTML, HTML)

  - Structure

  - Content

- Style (CSS)

  - Style

  - Presentation

  - Appearance

- Function (Javascript)

  - Actions

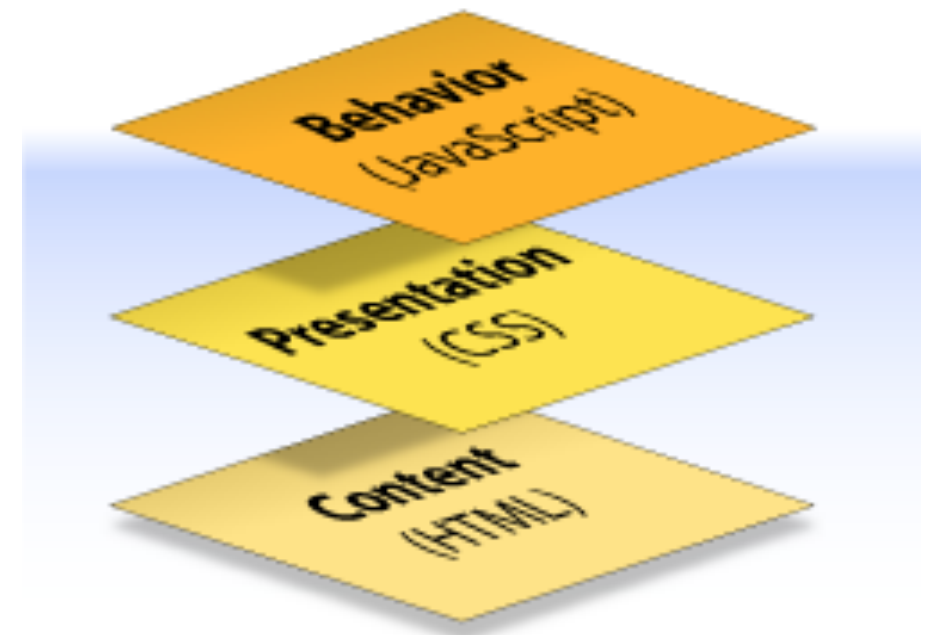 - Manipulations

Content, Presentation, Behavior

- **Content** comprises the information the author wishes to convey to his or her audience, and is embedded within HTML or XHTML markup that defines its structure and semantics.

- Most of the content on the Web today is text, but content can also be provided through images, animations, sound, video, and whatever else an author wants to publish
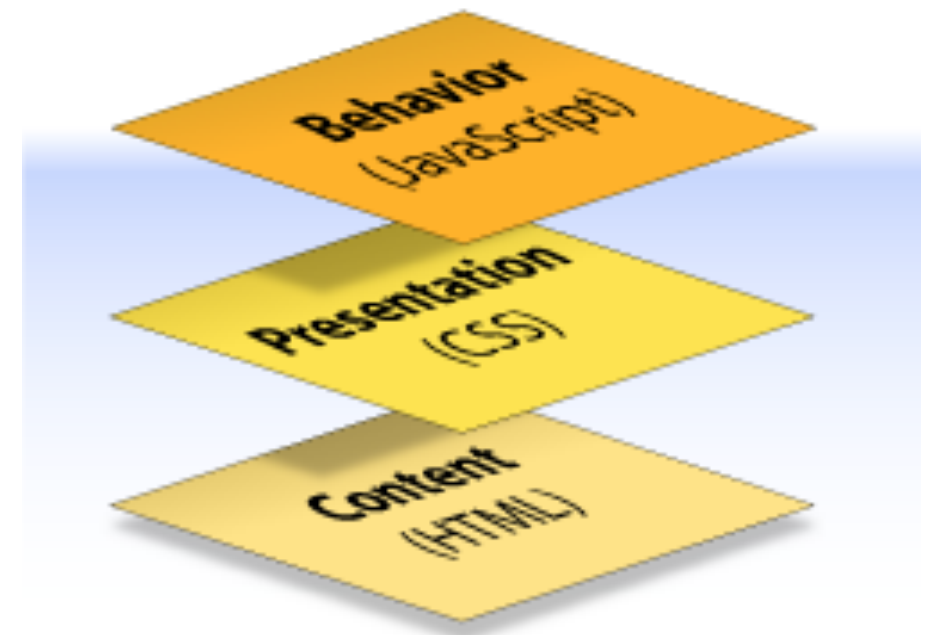
Content, Presentation, Behavior

- **Presentation** defines how the content will appear to a human being who accesses the document in one way or another

- The conventional way to view a web page is with a regular web browser, of course, but that's only one of many possible access methods. For example, content can also be converted to synthetic speech for users who have impaired vision or reading difficulties

Content, Presentation, Behaviour

- **Behaviour** layer involves real-time user interaction with the document.

- This task is normally handled by JavaScript.

- The interaction can be anything from a trivial validation that ensures a required field is filled in before an order form can be submitted, to sophisticated web applications that work much like ordinary desktop programs.
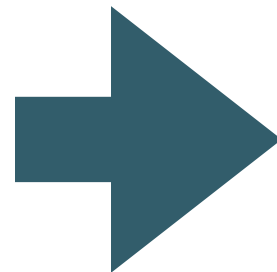
Separation of Concerns

- It's possible to embed all three layers within the same document

    - <em> and <b> can be used to control the presentation of text, and <hr> will insert a visible rule element

- Sometimes called *Presentational Markup*, these types of elements embed presentation-layer information within the content layer, they negate any advantage we may have gained by keeping the layers separate.

Keeping them separate gives us one valuable advantage:

We can modify or replace any of the layers without having to change the others.

7

What is CSS?

Cascading Style Sheets is the recommended way to control the presentation layer in a web document.

The main advantage of CSS over presentational HTML markup is that the styling can be kept entirely separate from the content.

CSS is a language for specifying how documents are presented to users — how they are styled & laid out

CSS also provides far better control over presentation than do presentational element types in HTML.

Example

index.html

```html
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <title>My CSS experiment</title>
    <link rel="stylesheet" href="style.css">
  </head>
  <body>
    <h1>Hello World!</h1>
    <p>This is my first CSS example</p>
  </body>
</html>
```

style.css

```css
h1 {
  color: blue;
  background-color: yellow;
  border: 1px solid black;
}

p {
  color: red;
}
```

```css
h1 {
  color: blue;
  background-color: yellow;
  border: 1px solid black;
}


p {
  color: red;
}
```

Two rules

```
h1 {
  color: blue;
  background-color: yellow;
  border: 1px solid black;
}
```

The first rule starts with an h1 selector, which means that it will apply its property values to the <h1> element. It contains three properties and their values:

1. The first one sets the text color to blue.
2. The second sets the background color to yellow.
3. The third one puts a border around the header that is 1 pixel wide, solid (not dotted, or dashed, etc.), and colored black.

```css
p {
  color: red;
}
```

The second rule starts with a p selector, which means that it will apply its property values to the <p> element. It contains one declaration, which sets the text color to red.

```css
h1 {
  color: blue;
  background-color: yellow;
  border: 1px solid black;
}

p {
  color: red;
}
```

```html
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <title>My CSS experiment</title>
    <link rel="stylesheet" href="style.css">
  </head>
  <body>
    <h1>Hello World!</h1>
    <p>This is my first CSS example</p>
  </body>
</html>
```
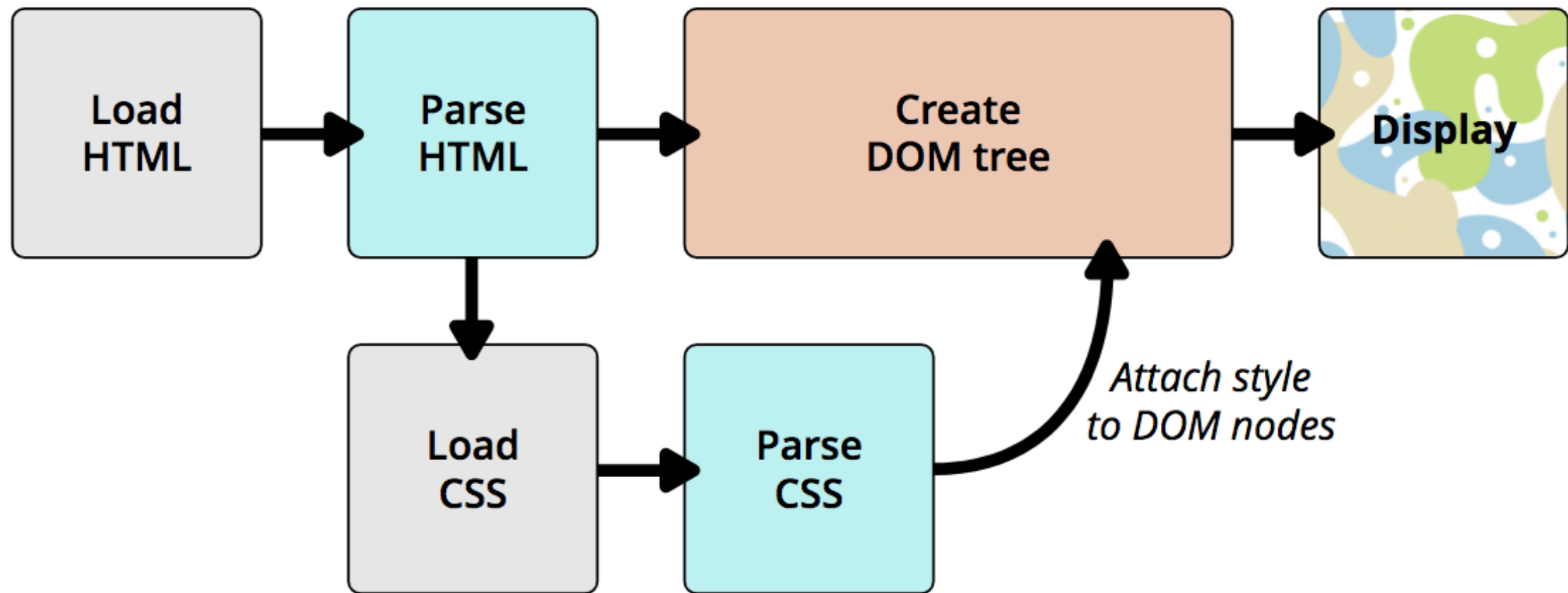
Rules Applied to HTML document

Browser Render

```html
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <title>My CSS experiment</title>
    <link rel="stylesheet" href="style.css">
  </head>
  <body>
    <h1>Hello World!</h1>
    <p>This is my first CSS example</p>
  </body>
</html>
```

How CSS Does it Work?

1. The browser converts HTML and CSS into the DOM (Document Object Model). The DOM represents the document in the computer's memory. It combines the document's content with its style.

2. The browser displays the contents of the DOM.

<link> element

Use the link element to "link in" external information.

The type of this information is "text/css". In other words, a CSS style sheet.

And the style sheet is located at this href (in this case we're using a relative link, but it could be a full-blown URL).

```
<link type="text/css" rel="stylesheet" href="lounge.css" />
```

The rel attribute specifies the relationship between the XHTML file and the thing you're linking to. We're linking to a style sheet, so we use the value "stylesheet".

<link> is an empty element.

One Stylesheet - Multiple html pages

Index.html

```
<head>
  <title>App Store</title>
  <link type="text/css" rel="stylesheet" href="style.css" />
</head>
```

movies.html

```
<head>
  <title>Movies</title>
  <link type="text/css" rel="stylesheet" href="style.css" />
</head>
```
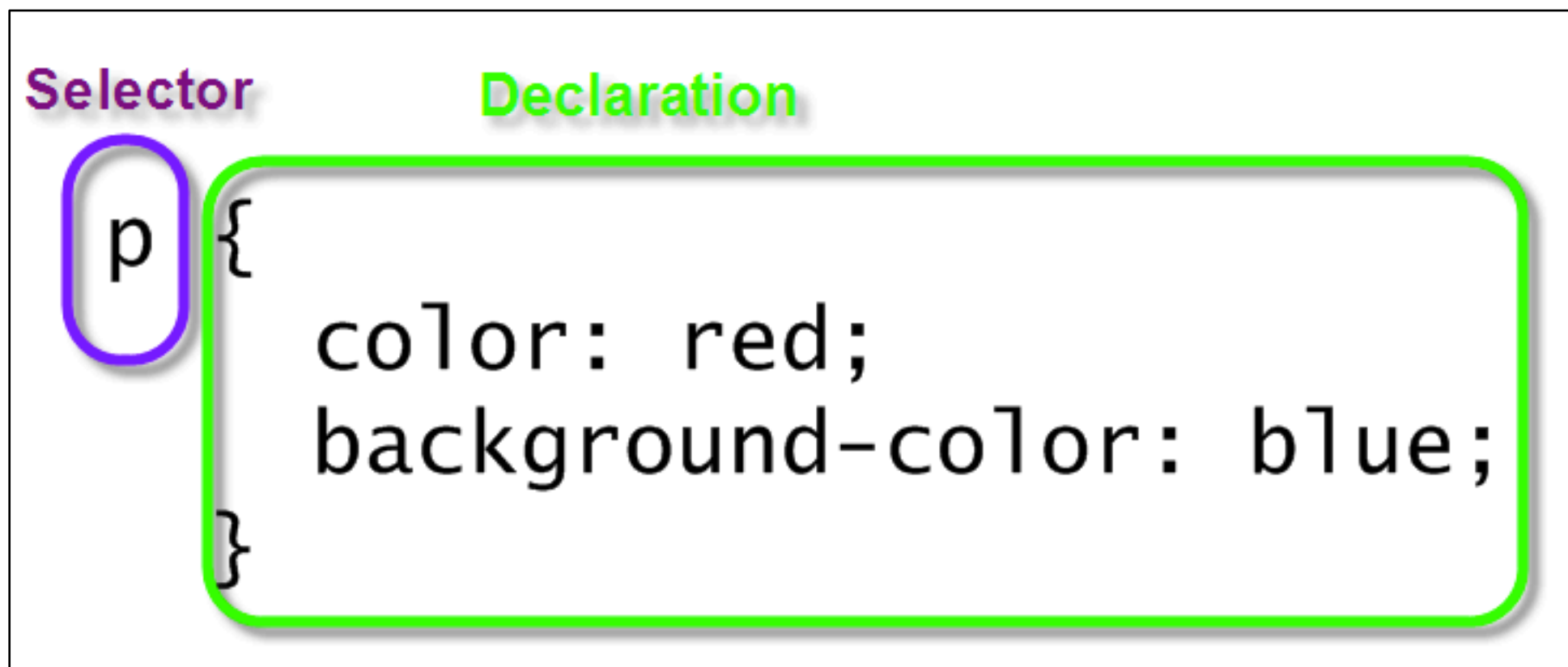
Style.css

music.html

```
<head>
  <title>Music</title>
  <link type="text/css" rel="stylesheet" href="style.css" />
</head>
```

Rules

Selectors

Declarations

Properties

Values

CSS Rule

```
p {
    color: red;
    background-color: blue;
}
```

CSS
Rule
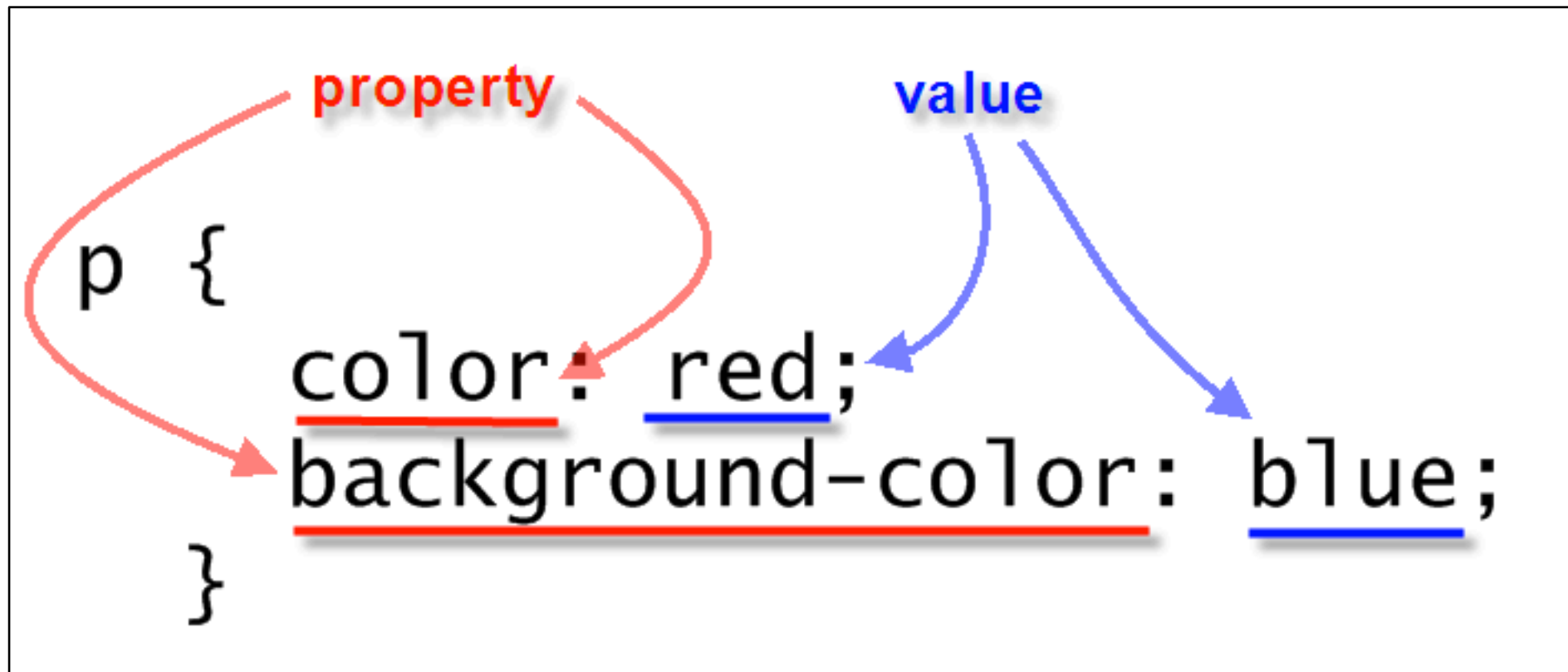
Selector and Declarations

Properties & Values

A CSS Rule

The first thing you do is select the element you want to style, in this case the <p> element. Notice in CSS, you don't put <> around the name.

Then you specify the property you want to style, in this case the <p> element's background color.

And you're going to set the background-color to red.

```
p {
    background-color: red;
}
```

Place all the styles for the <p> element in between { } braces.

There's a colon in between the property and its value.

At the end, put a semicolon.

We call the whole thing a RULE.

More Properties...

- You can add as many properties and values as you like in each CSS rule.

- To put a border around your paragraphs:

```
p {
    background-color: red;
    border: 1px solid gray;
}
```

All you have to do is add another property and value.

The <p> element will have a border...

...that is 1 pixel thick, solid, and gray.