

Styling HTML5

By Derek Peacock

Basic HTML5 Page

```
<body>
  <div id="page">

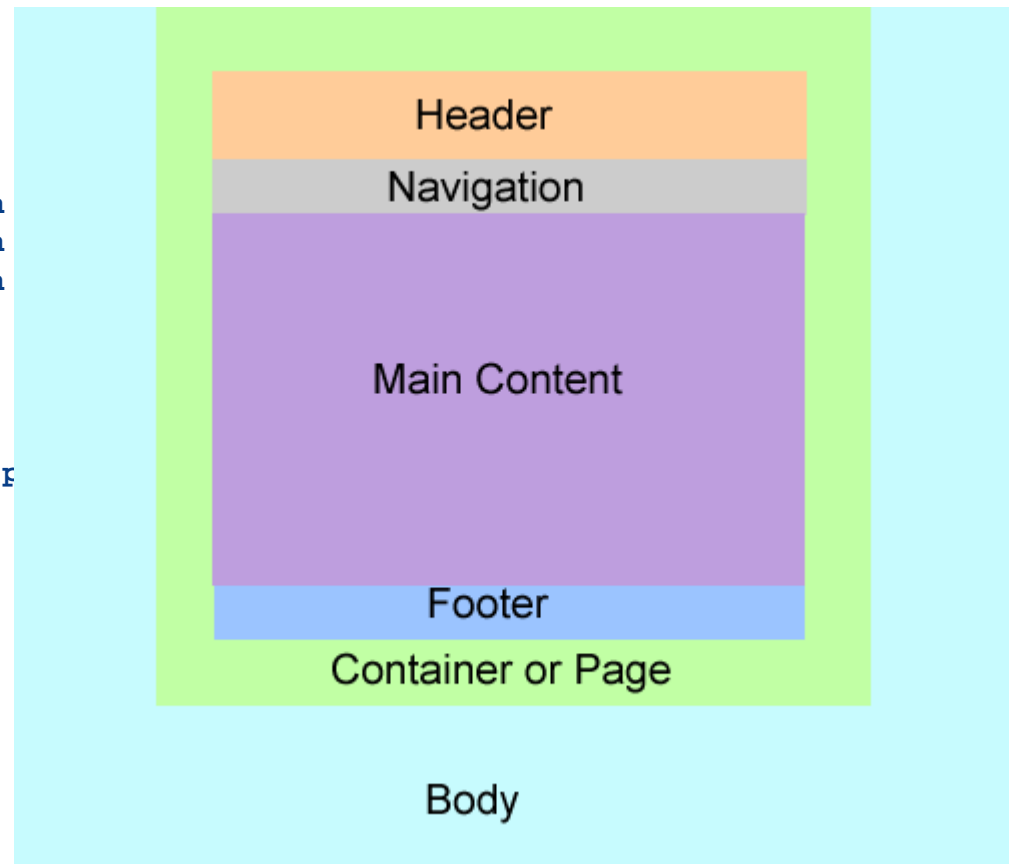
    <header>
      
      <h1>Web Site Title</h1>
    </header>

    <nav>
      <ul>
        <li><a href="#">Menu Item
        <li><a href="#">Menu Item
        <li><a href="#">Menu Item
      </ul>
    </nav>

    <section>
      <p>This is the main content!</p>
    </section>

    <footer>
      <p>Copyright Notice etc.</p>
    </footer>

  </div>
</body>
```



Styling <body>

- * This is the area around the web page normally outside the left and right borders of the page.
- * Set suitable background colour and image
- * Select font family for paragraph text
- * Select default font size (100% = 16px)

```
body
{
    background-color:#00CCFF;
    font-family: Georgia, "Times New Roman", Times, serif;
    font-size: 100%;
}
```

Adding Background Colours

```
header
{
    background-color:#66FF99;
}
nav
{
    background-color:#CCC;
}
section
{
    background-color:#FF6;
}
footer
{
    background-color:#CF3;
}
```



Design View & Page Inspector

The screenshot displays a web browser's Design View and Page Inspector. The main content area is a red wine page with a blue header, a red sidebar, and a purple main content area. A yellow callout bubble labeled "Gaps" points to a gap in the red sidebar. The Page Inspector shows the HTML structure and CSS styles for the selected element.

- Rhone
- Margaux

Area

- Pauillac
- St-Estèphe
- St Julien
- Pessac-Léognan
- St-Emilion
- Pomerol
- Medoc
- Barsac

Margaux Red Wines

If Pauillac can be seen as the bastion of "traditional" Red Bordeaux, then Margaux represents its other facet in producing wines that are among the most sensual and alluring of Bordeaux. It is the biggest commune in the Médoc encompassing the communes of Cantenac, Soussans, Arsac and Labaude in addition to Margaux itself. It is located in the centre of the Haut-Médoc, and is the closest of the important communes to the city of Bordeaux.

The soils in Margaux are the lightest and most gravelly of the Médoc with some of the soils also containing a high percentage of sand. Vineyards located in Cantenac and Margaux make up the core of the appellation with the best vineyard sites being located on well-drained slopes. It is these lighter, well-drained soils which give Margaux its deft touch and silky perfumes. Further from the water there is a greater clay content and the wines

Inspect | HTML | Files

```
<aside>
  <h2>Region</h2>
  <ul>...</ul>
  <h2>Area</h2>
  <ul>...</ul>
</aside>
<!--Main Content Area-->
<section>...</section>
<!--Footer-->
<footer>...</footer>
</body>
```

Styles | Trace Styles | Call Stack | Attributes | Layout

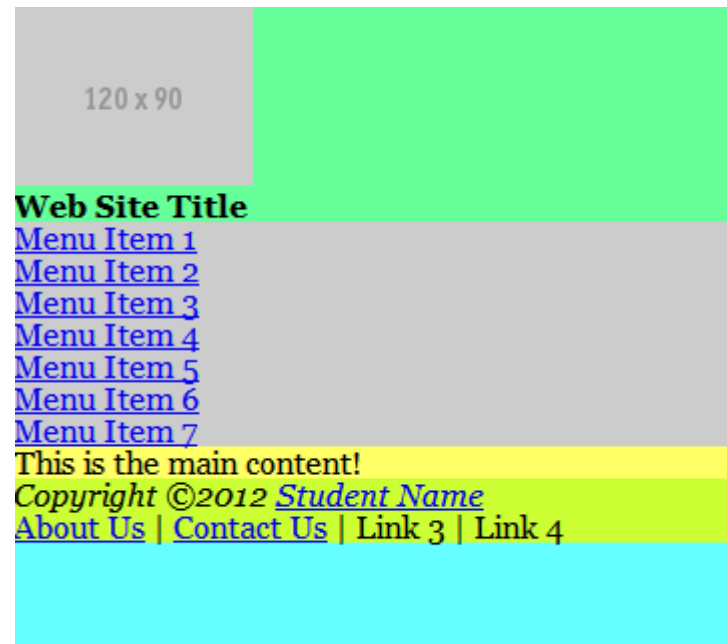
```
inherited
  <body> body {
    font-family: Cambria, "Times New Roman";
    font-size: 1em;
  }
  <aside {
    background-color: rgb(225, 152, 152);
  }
```

CSS Reset

```
*  
{  
    padding: 0;  
    margin: 0;  
    border: 0;  
}
```

Using a CSS Reset

- All space around elements removed
- Will look the same in all browsers
- Including Dreamweaver Live view (Opera/Web-kit)
- Padding and margins re-added later



<div id="container">

- * Needed to hold page parts together
- * Sets the overall width of the page
- * Positions the page on the screen

```
#container
{
  background-color:#66cc66; /*green*/
  max-width:1160px; /*responsive design*/
  margin: 0 auto; /*Centre the page*/
}
```


<div id="container">

Peacock Logo

Peacock's French Wines
Top Quality @ Rock Bottom Prices

Home
Red Wines
White Wines
Sparkling Wines
Contact Us
About Us

Region
Bordeaux
Burgundy
Rhône
Margaux
Area
Paulliac
St-Estèphe
St-Julien
Pessac-Léognan
St-Émilion
Pomerol
Médoc
Barsac

Margaux Red Wines
If Paulliac can be seen as the bastion of "traditional" Red Bordeaux, then Margaux represents its other facet in producing wines that are among the most sensual and alluring of Bordeaux. It is the biggest commune in the Médoc encompassing the communes of Cantenac, Soussans, Arsac and Labaude in addition to Margaux itself. It is located in the centre of the Haut-Médoc, and is the closest of the important communes to the city of Bordeaux.
The soils in Margaux are the lightest and most gravelly of the Médoc with some of the soils also containing a high percentage of sand. Vineyards located in Cantenac and Margaux make up the core of the appellation with the best vineyard sites being located on well-drained slopes. It is these lighter, well-drained soils which give Margaux its deft touch and silky perfumes. Further from the water there is a greater clay content and the wines are less dramatically perfumed.

2000 Ch. Margaux, Margaux

Wine Bottle

Drink or Keep
Ch. Margaux, Margaux Château Margaux, Cab Sauvignon Blend, Dry, Red, Ready, but will improve, 13% alc.
".The 2000 possesses a saturated ruby/purple color to the rim as well as an extraordinarily promising nose of crème de cassis intermixed with white flowers, licorice, and hints of espresso and toasty oak. There is great intensity, compelling purity, a multi-layered, full-bodied palate

<header>

- * Usually a fixed height with the name of the site, images. Logo and corporate colours.

```
header
{
    background-color:#CCFF00;
    padding: 4px;
    height: 128px;
}
```

Commenting css Sheets

Fonts

Body : Cambria, 'Times New Roman', serif;

Filename: MainStyles.css

Site: Peacock's Wines

Author: Dr Derek Peacock

Version: 0.1

Changed: 1st September 2013

Description: A Basic HTML5 Style Sheet

TOC

* HTML Selectors

** Body

** Header

** Nav

** Footer

* Class Selectors

* ID Selectors

Floating Elements

```
header img  
{  
  display:inline;  
  float:left;  
  background-color:■#330099;  
  margin-right:20px;  
}
```



Browser View



120 x 90

Web Site Title
[Menu Item 1](#)
[Menu Item 2](#)
[Menu Item 3](#)
[Menu Item 4](#)
[Menu Item 5](#)

[Menu Item 6](#)
[Menu Item 7](#)

This is the main content!
Lorem ipsum dolor sit amet, consectetur adipiscing elit. M
venenatis ac imperdiet in, scelerisque at felis. Pellentesque
egestas. Maecenas sit amet libero et ante semper tristique
dolor rutrum ac viverra nisl consequat. Duis dapibus adipi
congue tempor eget, sodales a neque. Proin neque ligula, c
posuere sodales a, pulvinar sit amet justo. Donec sagittis t
eleifend aliquet, lorem enim porttitor ipsum, nec placerat
Sed sit amet sapien quis odio
Fusce a posuere nulla. Cras at mi nec augue gravida accun
pretium elit ac ante pretium vitae auctor ante pretium. Su
urna lorem. Mauris aliquet tempus mollis. Maecenas iacul
tellus urna eget leo. Nunc orci turpis, hendrerit id blandit
tristique et lacinia ligula euismod. Integer sed felis diam, i
velit, ut dignissim justo mi ac justo.

Copyright ©2012 [Student Name](#)
[About Us](#) | [Contact Us](#) | [Link 3](#) | [Link 4](#)

- * Other items have floated
- * Floats need clearing
- * Clearing floats is not easy in different browsers

clearfix

```
.clearfix:before, .clearfix:after
{
    content: "\0020";
    display: block;
    height: 0;
    overflow: hidden;
}
.clearfix:after { clear: both; }
.clearfix { zoom: 1; }
```

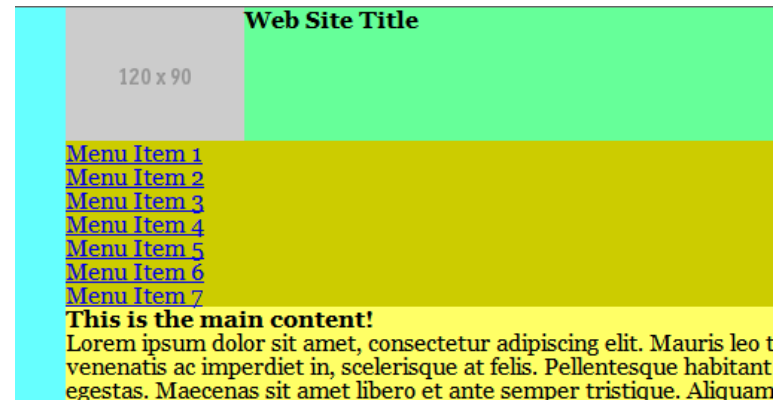
Applying class="clearfix"

```
<header class="clearfix">
```

```
  
```

```
  <h1>Web Site Title</h1>
```


```
</header>
```



<header><h1>

```
header h1{
    margin-top:15px;
    font-size: 2.0em;
}
header h2{
    font-size: 1.67em;
}
h1, h2, h3, h4{
    font-family: Tahoma, Verdana, sans-serif
}
```


Design View



Peacock's French Wines

Top Quality @ Rock Bottom Prices

- [Home](#)
- [Red Wines](#)
- [White Wines](#)
- [Sparkling Wines](#)
- [Contact Us](#)
- [About Us](#)

Region

- [Bordeaux](#)
- [Burgundy](#)
- [Rhone](#)
- [Margaux](#)

Area

- [Pauillac](#)
- [St-Estèphe](#)

Nav Bar - More Floating

```
nav{  
  background-color: beige;  
  float: left;  
}  
  
nav li{  
  display: inline;  
  width: 191px;  
  float: left;  
  text-align: center;  
  border: 1px solid #666666;  
}  
  
nav li a{  
  display: block;  
  line-height: 1.6em;  
}
```

Horizontal Navigation

Peacock Logo

Peacock's French Wines Top Quality @ Rock Bottom Prices

Home

Red Wines

White Wines

Sparkling Wines

Contact Us

About Us

Region

Bordeaux
Burgundy
Rhone
Margaux

Area

Pauillac
St-Estèphe
St Julien
Pessac-Léognan
St-Emilion
Pomerol
Medoc
Barsac

Margaux Red Wines

If Pauillac can be seen as the bastion of "traditional" Red Bordeaux, then Margaux represents its other facet in producing wines that are among the most sensual and alluring of Bordeaux. It is the biggest commune in the Médoc encompassing the communes of Cantenac, Soussans, Arsac and Labaude in addition to Margaux itself. It is located in the centre of the Haut-Médoc, and is the closest of the important communes to the city of Bordeaux.

The soils in Margaux are the lightest and most gravelly of the Médoc with some of the soils also containing a high percentage of sand. Vineyards located in Cantenac and Margaux make up the core of the appellation with the best vineyard sites being located on well-drained slopes. It is these lighter, well-drained soils which give Margaux its deft touch and silky perfumes. Further from the water there is a greater clay content and the wines are less dramatically perfumed.

2000 Ch. Margaux, Margaux

Hover and Focus

```
nav li a:hover,  
nav li a:focus  
{  
    background-color:#FF9966;  
}
```

Adding Space back

```
h2, h3, h4
{
  font-weight:bold;
  margin: 0.5em 0 0 0.5em;
}

h2
{
  font-size:1.2em;
}

h3
{
  font-size:1.0em;
```

```
aside, section, article
{
  padding:1%;
}
```

```
p
{
  line-height:1.4em;
  margin:0.5em;
}

figure
{
  margin:0.5em;
}

figcaption
{
  margin-left:0.5em;
  font-style:italic;
}
```

Browser View

Margaux Red Wines

If Pauillac can be seen as the bastion of "traditional" Red Bordeaux, then Margaux represents its other facet in producing wines that are among the most sensual and alluring of Bordeaux. It is the biggest commune in the Médoc encompassing the communes of Cantenac, Soussans, Arsac and Labaude in addition to Margaux itself. It is located in the centre of the Haut-Médoc, and is the closest of the important communes to the city of Bordeaux.

The soils in Margaux are the lightest and most gravelly of the Médoc with some of the soils also containing a high percentage of sand. Vineyards located in Cantenac and Margaux make up the core of the appellation with the best vineyard sites being located on well-drained slopes. It is these lighter, well-drained soils which give Margaux its deft touch and silky perfumes. Further from the water there is a greater clay content and the wines are less dramatically perfumed.

2000 Ch. Margaux, Margaux



Drink or Keep

Ch. Margaux, Margaux Château Margaux, Cab.Sauvignon Blend, Dry, Red, Ready, but will improve, 13% alc.

"..The 2000 possesses a saturated ruby/purple color to the rim as well as an extraordinarily promising nose of creme de cassis intermixed with white flowers, licorice, and hints of espresso and toasty oak. There is great intensity, compelling purity, a multi-layered, full-bodied palate

1 Bottle £923 [Add to Basket](#)

Styling <footer>

2004 Ch. Giscours, Margaux



Keep

Ch. Giscours, Margaux Château Giscours, Cab.Sauvignon Blend, Dry, Red, Ready, but will k

In 2004 Giscours has produced a restrained and precise example. Powerful yet sophisticated, densely fruited yet refined, this is one of the most masculine wines of the Margaux appellation. I think 2004 is a seriously under-rated vintage and it's in a style that I like, with cool,elegant fruit a structure which allows the terroir to shine through.

1 Bottle £52.00 [Add to Basket](#)

```
footer
{
  background-color:#f1f17a;
  text-align:center;
  line-height:1.3em;
  padding:0.5em;
}
```

Copyright (2013) Dr Derek Peacock

DMU HND Computing 2013 CTEC2402 Software Development Project

HTML5 & CSS3 Logos

HTML5 & CSS3 Logos

<http://www.w3.org/html/logo/>

BADGE BUILDER 5000

You're seconds away from your own stunning, customized badge. Fire up the Badge Builder 5000.

WHAT THE TECH?

Build a logo that shows off what you use.

- | | |
|--|--|
| <input type="checkbox"/> OFFLINE & STORAGE | <input type="checkbox"/> DEVICE ACCESS |
| <input type="checkbox"/> CONNECTIVITY / REALTIME | <input type="checkbox"/> PERFORMANCE & INTEGRATION |
| <input type="checkbox"/> MULTIMEDIA | <input checked="" type="checkbox"/> SEMANTICS |
| <input type="checkbox"/> GRAPHICS, 3D & EFFECTS | <input checked="" type="checkbox"/> CSS3 / STYLING |

ORIENTATION

Sidebar or footer? Standing up or lying down?

HORIZONTAL VERTICAL



```
badge-h-css3-semantic.png" width="165" height="64"
alt="HTML5 Powered with CSS3 / Styling, and Semantics"
title="HTML5 Powered with CSS3 / Styling, and
Semantics">
</a>
```


Browser View

Copyright (2013) Dr Derek Peacock

DMU HND Computing 2013 CTEC2402 Software Development Project

