

Preparing Fireworks Layouts for CSS



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Session Overview

CSS to....	Fireworks to....	Dreamweaver to....	Browser
<ul style="list-style-type: none"> Design to Web Standards Text Resizing Navigation issues Logo image replacement Optimum column widths Color contrast Integrating images into color scheme 	<ul style="list-style-type: none"> Build the comp Centered, fixed-width, two columns with header and footer round corners Layer ordering Slicing Exporting 	<ul style="list-style-type: none"> Skip to content Faux columns Multiple wrappers Floated columns Source order Image replacement 	<ul style="list-style-type: none"> Validation tests Target browsers Browser testing Code to avoid hacks Double float margin bug and IE haslayout Conditional Comments

Design to Web Standards in mind

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Part 1: Fireworks



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View original comp from the designer and note the considerations

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Fireworks Goals

- Think in CSS and Web Standards while creating the Fireworks comp
- Organize the layers according to "best practices"
- Draw slices that will serve as the structural foundation
- Configure Fireworks export settings

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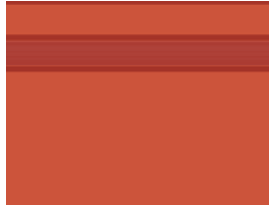
Thinking in CSS

- Text resizing
- Accessibility
- Color contrast
- Navigation issues
- Positioning methods
- Floats
- Structuring to avoid bugs

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Getting Started: The Body


- Canvas: 1000 by 1000
- Canvas color: #C82B0E
- Add top rectangle, 7 pixels and color #980000
- Add a rectangle 1000 by 60 in color #980000
- Add a brushed texture at 12%
- Add top and bottom rectangles, height 14



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Building the Content Area: Gold Rectangle


- Rectangle 650 by 460
- Fill: #FF9E01
- Rectangle Roundness: 10
- X coordinate: 207
- Y coordinate: 119



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Building the Content Area: Red Rectangle


- Rectangle 644 by 460
- Fill: #980000
- Stroke: 1 pixel soft #FF9E01
- Rectangle Roundness: 10
- X coordinate: 210
- Y coordinate: 121



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Building the Content Area: Column Divider 1


- Line: 1 pixel soft
- Stroke: #FAB85F
- Stroke: Center
- Height: 252px
- X coordinate: 598
- Y coordinate: 241



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Building the Content Area: Column Divider 2


- Line: 1 pixel soft
- Stroke: #E66E0B
- Stroke: Center
- Height: 252px
- X coordinate: 599
- Y coordinate: 241



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Building the Footer Area: The Tube


- Rectangle: 1000 by 14
- Stroke: 1 pixel soft centered #FFB43C
- Linear Gradient: #EB6500 #FFC569 #FFB43C
- Drop Shadow: 4 36% 4 black 315
- X coordinate: 0
- Y coordinate: 522



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Building the Header Area: Base Rectangle


- Rectangle: 650 by 180
- Solid Fill: #980000
- Rectangle Roundness: 14
- X coordinate: 207
- Y coordinate: 15



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Building the Header Area: Gold Rectangle 1


- Rectangle: 650 by 180
- Solid Fill: #FF9E01
- Rectangle Roundness: 14
- X coordinate: 207
- Y coordinate: 20



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Building the Header Area: Gold Rectangle 2

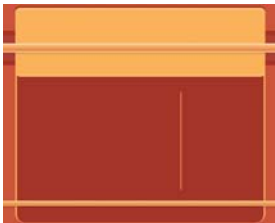
- Rectangle: 650 by 170
- Solid Fill: #FF9E01
- Texture: tmt_rug06 28%
- Rectangle Roundness: 14
- X coordinate: 207
- Y coordinate: 26



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Building the Header Area: The Tube


- Rectangle: 1002 by 24
- Stroke: 1 pixel soft rounded white
- Fill: Linear Gradient #FFB43C #EB6500 #FFC569
- Drop Shadow: 4 36% 4 black 315
- X coordinate: 0
- Y coordinate: 113



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Building the Logo: Medallion Shadow


- Shape: 126 by 126
- Fill: #980000
- Texture: Brushed Aluminum 12%
- X coordinate: 469
- Y coordinate: 27



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Building the Logo: Gold Medallion


- Shape: 126 by 126
- Stroke: #FFFFFF 1 pixel soft
- Fill: Linear Gradient #FFB43C #EB6500 #FFC569
- Drop Shadow: 4 36% 4 black 315
- X coordinate: 467
- Y coordinate: 34



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Building the Logo: Mozart Text


- Font: Zapfino 36 point
- Color: #980000
- Crisp Anti-Alias
- Drop Shadow: 4 36% 4 black 315
- X coordinate: 432
- Y coordinate: 77



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Building the Heading


- Circle: 20 by 20
- Stroke: FFB436 centered
- Linear Gradient Fill: #FFB43C #EB6500 #FFC572
- Crisp Anti-Alias
- Drop Shadow: 4 36% 4 black 315
- X coordinate: 223
- Y coordinate: 245
- Font: Lucida Grande 22px white



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Adding the Dummy Text and Image

- Font: Lucida Grande
- Left column color: white
- Right column color: #FFB43C
- Links: #980000
- Footer text: #FFB43C



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The Fireworks Layers

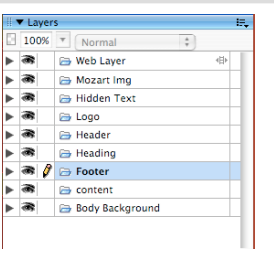


Layers and objects must be logically ordered for ease of use

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Examining the Layers

- Web Layer
- Mozart Image
- Hide Me Text
- Logo
- Header
- Heading
- Footer
- Content
- Body Background



Open the completed FW PNG

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The Fireworks Slices

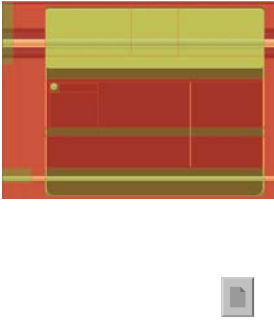


Must hide and show slices in the header area because there is only one Web layer in Fireworks

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Inserting the Slices

- 650 wide at X 207
 - header_bg_
 - Nav_bg
 - innerwrapper_bg
 - footer_bg
- Body background tiles X 110 by 188
- Footer wrapper tiles X 110 by 44 at Y 447 like the footer bg
- Heading background image: right-click to insert slice 26 by 26
- Select logo layer and right-click to insert single slice over multiple objects
- Hide logo slice while exporting (one Web layer)



Open the completed FW PNG to examine slices

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Exporting the Slices

- Hide the Logo Slice
- Images Only
- Export Slices
- Deselect include areas without slices
- Create a new folder called images in a site defined folder
- Click Export

Open the completed FW PNG to examine slices

Exporting the Logo Slice

- Hide all slices except the logo
- Right-click the slice to export

Open the completed FW PNG to examine slices

Part Two: Dreamweaver

Dreamweaver 8 still has design view rendering issues

Dreamweaver Goals

- Visualize the structure
- Write the markup
- Code the CSS
- Skip to content
- Faux columns
- Multiple wrappers
- Floated columns
- Source order
- Image replacement

Visualize the Structure

Three wrappers

Preparing the Markup

```

<div id="wrapper">
  <div id="header"><h1><span>Mozart 2006</span></h1></div>
  <div id="skipnav"><a href="#content" tabindex="1">Skip to main content</a></div>
  <div id="nav"><ul>
    <li><a href="index.htm">Home</a></li>
    <li><a href="index.htm">Biography</a></li></ul></div>
  <div id="innerwrapper">
    <div id="content">
      <h2>250<sup>th</sup><span class="supnum">th</span> Birthday Celebration</h2>
      <p>tempor incididunt ut labore</p>
    <div id="sidebar">
      <h2>Mozart 2006</h2>
      <p>Bis nostrud exercitation ullam mmodo consequat.</p>
      <h3>Symphonies</h3>
      <p>At vver eos et accusam dignissim qui blandit est</p>
    </div>
  </div>
  <br class="clearfloat" />
  <div id="footer_wrapper_bg">
    <div id="footer">
      <p>&copy; 2006 Mozart 2006. All Rights Reserved.</p>
    </div>
  </div>

```

Open Dreamweaver and show the code

Head of the Document

```

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">

<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1" />

<meta name="mssmarttagpreventparsing" content="true" />
<meta http-equiv="imagetoolbar" content="no" />
<meta http-equiv="MSThemeCompatible" content="no" />

<title>Mozart Goes to Max</title>

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

</head>

```

Some code to keep IE from messing with your layout

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Adding the Body Styles

```

body, h1, h2, h3, p, li, ul {
margin: 0px;
padding: 0px;
}

body {
font: 100.01% "Lucida Grande",
Verdana, sans-serif;
background: #C82C0F
url(/images/body_bg.jpg) repeat-x;
text-align: center;
color: #fff;
}

#skipnav {
position: absolute;
top: 0;
left: 0;
margin-left: -1000px;
}

```

Zero out elements and skip link

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Adding the Main Wrapper

```

#wrapper {
text-align: left;
margin: 0px auto;
width: 650px;
}

```

Reset alignment and set width

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Adding the Header Styles

```

#header {
background: url(/images/header_bg.jpg) no-repeat;
margin-top: 14px;
}

#header h1 {
text-align: center;
}

#header span {
position: absolute;
left: -3000px;
}

```

Choices in centering images with CSS

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Adding the Nav Styles

```

#nav {
background: url(/images/nav_bg.jpg) no-repeat;
padding-top: 10px;
height: 60px;
}

#nav ul {
list-style-type: none; font-size: 100%;
text-align: center;
}

#nav li {
display: inline;
}

#nav li a:link, #nav li a:visited {
text-decoration: none;
color: #9A0001;
margin-right: 20px;
background: #FFA109;
}

#nav li a:hover, #nav li a:active, #nav li a:focus {
background: #9D0005;
color: #fff;
}

```

Choices in centering images with CSS

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Adding the Content Styles

```

#innerwrapper {
background: url(/images/innerwrapper_bg.jpg) repeat-y;
float: left;
width: 650px;
}

#content {
background: url(/images/content_bg.jpg) repeat-y;
float: left;
width: 430px;
}

#content h2 {
font-size: 140%;
font-weight: normal;
margin-left: 20px;
background: url(/images/heading_bg.jpg) no-repeat left center;
padding-left: 32px;
margin-bottom: 5px;
padding-bottom: 3px;
}

#content p {
margin-right: 20px;
margin-left: 20px;
font-size: 85%;
line-height: 1.4;
margin-bottom: 10px;
}

```

All floats allow for independent block context and avoid 3 pixel text jig

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Adding the Sidebar Styles

```


#sidebar {
float: left;
width: 220px;}

#sidebar h2 {
font-size: 100%;
margin-left: 15px;
margin-bottom: 11px;
margin-top: 8px;}

#sidebar h3 {
font-size: 85%;
margin-bottom: 0px;
margin-left: 15px;
margin-top: 10px;}

#sidebar p {
font-size: 75%;
margin-right: 10px;
margin-left: 15px;
color: #Ffb43c;
margin-top: 2px;}

```



All floats allow for independent block context

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Adding the Footer Styles


```

#footer_wrapper_bg {
background: url(images/footer_wrapper_bg.jpg)
repeat-x;}

#footer {
background: url(images/footer_bg.jpg)
no-repeat;
height: 85px;
width: 650px;
padding-top: 50px;
margin: 0px auto;}

#footer p {
color: #Ffb43c;
text-align: center;
font-size: 75%;}

```



All floats allow for independent block context

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Adding Classes


```

.clearfloat {
clear: both;
height: 0;
font-size: 1px;
line-height: 0px;}

.lfloat {
float: left;
margin-right: 8px;}

.supnum {
vertical-align: text-top;
font-size: 50%;
line-height: 0px;}

```



All floats allow for independent block context

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Image Replacement

- The logo
- Links as images

```

HTML
<h1><span>Mozart 2006</span></h1>

<li><a href="#"><img src="" />
<span>Contact</span></li>

CSS
The span is given position: absolute;
left: -3000px;

```

All floats allow for independent block context

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Part Three: The Browser



The final design as viewed in Safari

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Goals

- Validate CSS, Markup and Accessibility (Firefox Web Dev toolbar)
- Test Browsers (Browser cam or IE stand alones)
- Troubleshoot problems
- Use Conditional Comments for IE versions
- Add hacks as needed

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Validate for Quality Assurance

- Use the Firefox Web Developers toolbar to validate CSS, Markup, and Accessibility
<https://addons.mozilla.org/firefox/60/>
- (Demo)



Deciding on browser support
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Extensive Browser Testing

- Decide on browser support
- Use a service such as Browser Cam
<http://www.browsercam.com/>
- Install stand alone versions of Internet Explorer
<http://www.communitymx.com/content/article.cfm?cid=0BA37>
- Test on multiple platforms and browsers

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The Double Float Margin Bug

- The potential problem with all floated columns
- Same side margin as float direction
- Display: inline hack
- Or code to avoid the issue

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Conditional Comments for IE 5

- Add CCs for IE 5 problems

```
<!--[if IE 5]>
<style type="text/css">
#nav a:link,
#nav a:visited {
height: 1%;
vertical-align: bottom;
}
</style>
<![endif]-->
```
- Corrects IE 5 and its need for "haslayout" in the navigation links

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Thinking in CSS: Topics for Designers

- Accessibility issues
- Selector and rule syntax
- IDs, class, and type selectors
- Descendent Selectors
- Box model
- Inline versus block
- Page flow
- Positioning methods
- Floats
- Common bugs, especially in Internet Explorer

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Conclusion

- FW for drawing a comp
- Visualizing slices for CSS
- Semantically naming layers
- Exporting without using FW HTML
- Using faux columns in structure Wrappers and background images
- Coding to avoid or minimize hacks
- Using Conditional Comments
- Validation and Testing
- CSS topics for Designers

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About Sheri German



- Author: Dreamweaver 8 Visual Encyclopedia <http://tinyurl.com/syhqcPartner>:
- CommunityMX <http://www.communitymx.com/author.cfm?cid=1177Adobe>
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- Instructor: Government Printing Office Institute for Federal Printing and Electronic Publishing <http://www.gpo.gov/ifpep/>
- Instructor in the Washington Apple Pi Tutorial Program <http://www.wap.org/>
- Web Designer for people in the arts <http://www.swanilda.com/clients.html>

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