

# Universal CSS Navigation Menu: Advanced Styling

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## 1. Introduction

The Universal CSS Navigation Menu comes with multiple great designs that can be used to fit a menu into a website.

This tutorial describes the way to add or edit CSS classes to customize a Horizontal Universal CSS Navigation Menu to fit a website perfectly. For easy usage, all the options were categorized:

- 4.1. Background color
- 4.2. Background image
- 4.3. Border
- 4.4. Padding and margin
- 4.5. Font
- 4.6. Text color
- 4.7. Text size
- 4.8. Size
- 4.9. Positioning
- 4.10. Shadow
- 4.11. Miscellaneous

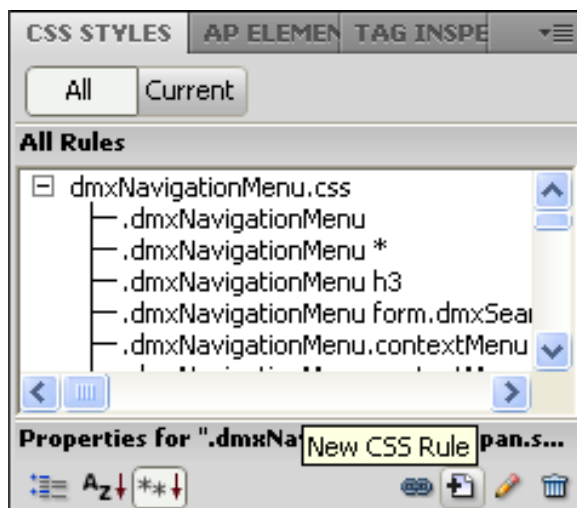
## 2. How to use

This tutorial can be used to either edit existing CSS Styles or to create completely new CSS Styles.

### 2.1. Editing existing CSS Styles

The best way to edit CSS Styles for the menu is to create a new CSS file. If changes are made to the original CSS file, all the changes will be overwritten when the extension is updated.

The creation of a new CSS file is fully supported within Dreamweaver. Click the **New CSS Rule** button in the **CSS Styles** Panel.



The **New CSS Rule** window appears. Choose **Compound** as the **Selector Type**. In the second field named **Selector Name**, enter the name of the selector that needs to be added. The names of the selectors are shown in the examples.

Choose **(New Style Sheet File)** in the third field named **Rule Definition** and click **OK**. Every next time a new CSS rule has to be added, the custom CSS file can be selected in the **Rule Definition** field.

**New CSS Rule**

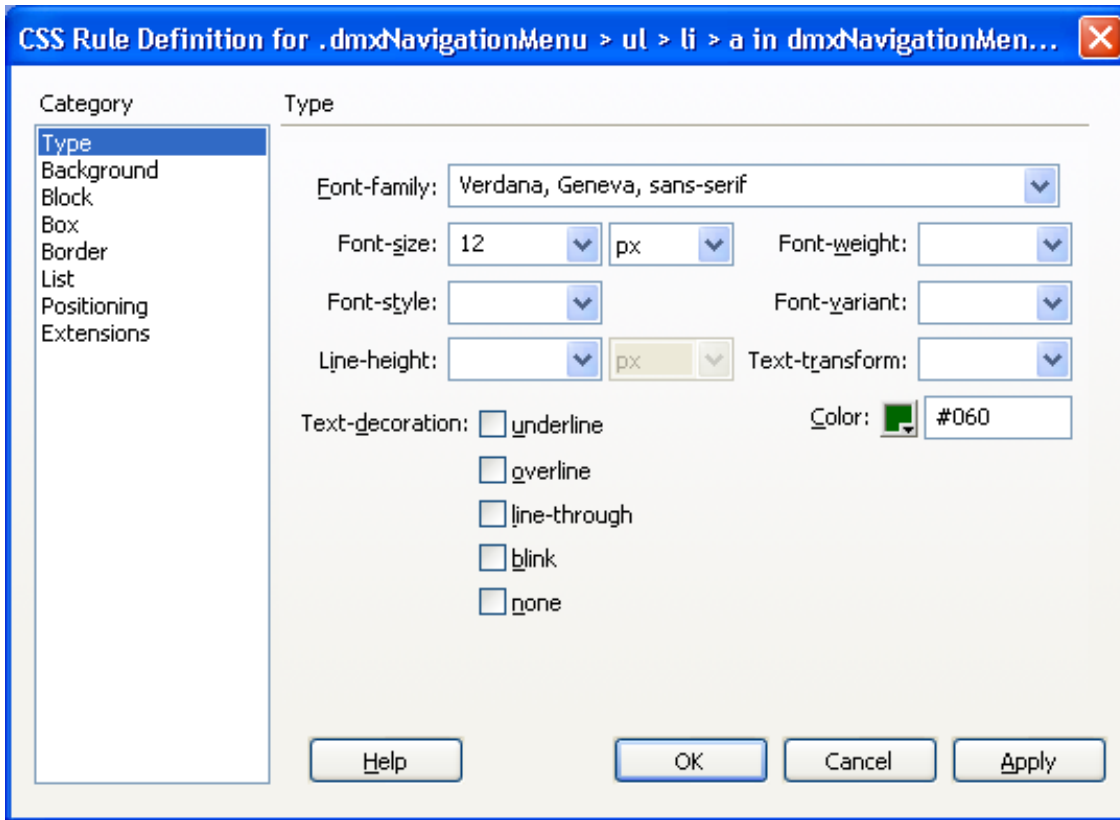
**Selector Type:**  
Choose a contextual selector type for your CSS rule.  
Compound (based on your selection)

**Selector Name:**  
Choose or enter a name for your selector.  
.dmxNavigationMenu > ul > li > a  
Less Specific More Specific

**Rule Definition:**  
Choose where your rule will be defined.  
(New Style Sheet File)

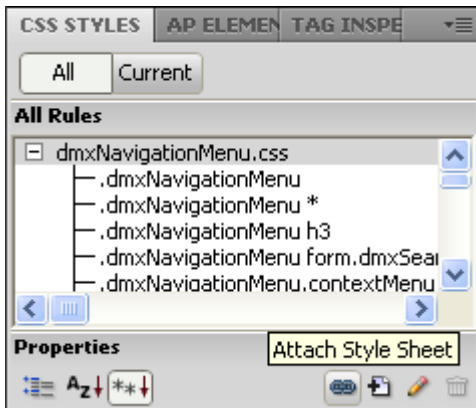
OK  
Cancel  
Help

The window **Save Style Sheet File As** will open. Select the location where to save the new CSS file (for example in the **Styles** folder in the root of your website) and enter a name for the file.

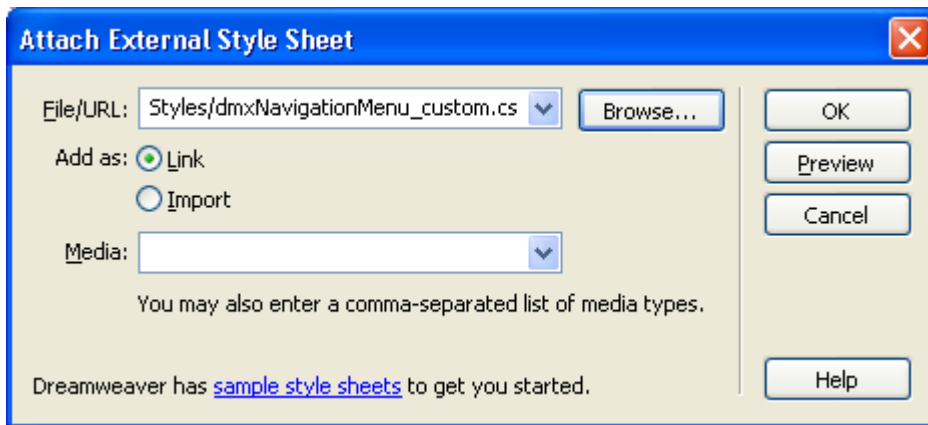


After all the values have been set, click **OK** to save. The new file will be automatically included to the page that was open.

Now also include the file on all the pages containing the menu and upload all these pages. If your website uses a template, include the file in your template.



In the **CSS Styles** Panel click the **Attach Style Sheet** button.



Click the **Browse** button behind the **File/URL** field. Browse to the location where the custom CSS file was saved. Select the file and click **OK** to add it to the field. Make sure the **Link** radio button is selected and click **OK** once again to include the file on the page.

Next upload the new CSS file and all the pages were this CSS file was included.

## 2.2. Creating new CSS Styles

Besides editing the existing styles that come with the menu, it is also possible to create a completely new design. The procedure to do so is already described in an **FAQ** named **Create a new Menu design and save for future use** and can be found at: <http://www.dmxzone.com/go?17259>.

## 3. Explanation of styles

Each standard setup of the menu contains the default css file named **dmxNavigationMenu.css** which can be found in the **\Styles\** folder in the root of your website. When no other design is chosen, this is used to determine the style of the menu.

For each of the standard styles that come with the menu, a specific css file is created when choosing that design from the Extension Window or the Properties Inspector. These files can be found at this location: **\Styles\dmxNavigationMenu\standard\_design\standard\_design.css**.

Within the default CSS file, all classes start with **.dmxNavigationMenu**. All the classes in the predefined designs start with **.dmxNavigationMenu.standard\_design**, where **standard\_design** is the name of the selected design.

All of the examples use the names of the default CSS style. If one of the predefined styles is edited, all the names need to be replaced with the name of that specific style.

## 4. Changing styles

Changing styles can be done fairly easy. First choose the part that needs to be changed from one of the categories. Copy the **Class** from the second column and paste it into the new CSS file (or type it). Copy the **Property** from the third column and place this below the corresponding class in the CSS file. Change the value for the property to set the exact details for the own CSS style.

An example of how the CSS code should look like per class is shown below.

```
.dmxNavigationMenu {  
    background-color: #000;  
    background-image:url(background.jpg)  
    background-repeat: repeat-x;  
    -webkit-border-radius: 4px;  
    -moz-border-radius: 4px;  
}
```

Sometimes the placement of custom CSS code may seem to have no effect at all. This is caused by the fact that other settings may overrule the newly created code. When that happens, the addition of **!important** behind the CSS property will force the code to be applied.

```
.dmxNavigationMenu > ul > li > a {  
    font-size: 16px;  
    color: #C30 !important;  
}
```

## 4.1. Background color

Part to change	Selector	Example of property and value to change or add
Background color of menu bar	.dmxNavigationMenu	background-color: #000;
All menu items background color	.dmxNavigationMenu li	background-color: #000;
Main menu items background color	.dmxNavigationMenu > ul > li	background-color: #000;
Sub menu items background color	.dmxNavigationMenu ul.sub	background-color: #000;
Hover all items background color	.dmxNavigationMenu li a:hover;	background-color: # CF6;
Hover Main menu item background color	.dmxNavigationMenu > ul > li > a:hover	background-color: #CF6;
Hover Sub menu item background color	.dmxNavigationMenu ul.sub > li > a:hover;	background-color: #CF6;
Transparent Sub menu	.dmxNavigationMenu ul.sub	opacity:0.4;filter:alpha(opacity=40);
Mark selected item Main and Sub menu	dmxNavigationMenu li a:selected;	background-color: #CF6
Mark selected item Main menu	.dmxNavigationMenu > ul > li > a:selected;	background-color: #C00
Mark selected item Sub menu	.dmxNavigationMenu ul.sub > li > a:selected;	background-color: #000



## 4.2. Background image

Part to change	Selector	Example of property and value to change or add
Menu bar background image	.dmxNavigationMenu	background-image:url(background.jpg)
Menu bar repeat background image horizontal	.dmxNavigationMenu	background-repeat: repeat-x;
Menu bar repeat background image vertical	.dmxNavigationMenu	background-repeat: repeat-y;
Sub menu background image	.dmxNavigationMenu ul.sub	background-image:url(background.jpg)
Sub menu repeat background image horizontal	.dmxNavigationMenu ul.sub	background-repeat: repeat-x;
Sub menu repeat background image vertical	.dmxNavigationMenu ul.sub	background-repeat: repeat-y;

### 4.3. Border

Part to change	Selector	Example of property and value to change or add
Menu Bar bordere	.dmxNavigationMenu	border: 1px solid;
Menu Bar colored bordere	.dmxNavigationMenu	border: 1px solid #F0D;
Submenu colored border	.dmxNavigationMenu ul.sub	border: 1px solid #F0D;
All items border	.dmxNavigationMenu li a	border: 1px solid #F0D;
All items bottom border	dmxNavigationMenu li a	border-bottom:1px solid #F0D;
Hover all items border	.dmxNavigationMenu li a:hover, .dmxNavigationMenu li a.hover	border: 1px solid #F0D;
Hover all items bottom border	.dmxNavigationMenu li a:hover, .dmxNavigationMenu li a.hover	border-bottom:1px solid #F0D;
Hover Main menu item border	.dmxNavigationMenu > ul > li > a:hover	border: 1px solid #000;
Hover Main menu item bottom border	.dmxNavigationMenu > ul > li > a:hover	border-bottom: 1px solid #000;
Hover Sub menu item border	.dmxNavigationMenu ul.sub > li:hover, .dmxNavigationMenu ul.sub > li.hover	border: 1px solid #000;
Hover Sub menu item bottom border	.dmxNavigationMenu ul.sub > li:hover, .dmxNavigationMenu ul.sub > li.hover	border-bottom: 1px solid #000;
Menu Bar rounded corners	.dmxNavigationMenu	-webkit-border-radius: 4px; -moz-border-radius: 4px;
Menu Bar rounded corners bottom	.dmxNavigationMenu	-webkit-border-radius: 0px 0px 6px 6px; -moz-border-radius: 0px 0px 6px 6px;
Sub menu rounded corners	.dmxNavigationMenu ul.sub	-webkit-border-radius: 4px; -moz-border-radius: 4px;
Sub menu rounded corners bottom	.dmxNavigationMenu ul.sub	-webkit-border-radius: 0px 0px 6px 6px; -moz-border-radius: 0px 0px 6px 6px;

## 4.4. Padding and margin

Part to change	Selector	Example of property and value to change or add
Menu Title margin all sides	.dmxNavigationMenu h3	margin: 15px;
Left Menu Title margin	dmxNavigationMenu h3	margin: 5px 5px 5px 25px;
Top Menu Title margin	dmxNavigationMenu h3	margin: 25px 5px 5px 5px;
Right Menu Title margin	dmxNavigationMenu h3	margin: 5px 25px 5px 5px;
Bottom Menu Title margin	dmxNavigationMenu h3	margin: 5px 5px 25px 5px;
All items padding	.dmxNavigationMenu li	padding:5px;
Main menu items padding	.dmxNavigationMenu > ul > li	padding:5px;
Main menu items padding left and right	.dmxNavigationMenu > ul > li	padding-left:5px;; padding-right:5px;
Main menu items padding top and bottom	.dmxNavigationMenu > ul > li	padding-top:5px;; padding-bottom:5px;
Sub menu items padding	.dmxNavigationMenu ul.sub > li	padding:5px;
Sub menu positioning	.dmxNavigationMenu ul.sub	margin-left: 5px !important;
Sub menu items padding left and right	.dmxNavigationMenu ul.sub > li	padding-left:5px;; padding-right:5px;
Sub menu items padding top and bottom	.dmxNavigationMenu ul.sub > li	padding-top:5px;; padding-bottom:5px;
Main menu items margin	.dmxNavigationMenu > ul > li	margin-left:5px; margin-right:5px;
Sub menu items left margin	.dmxNavigationMenu ul.sub > li	margin-left:5px;

## 4.5. Text Formatting

Part to change	Selector	Example of property and value to change or add
Menu Title font	dmxNavigationMenu h3	font-family: Tahoma;
All fonts in entire menu	dmxNavigationMenu *	font-family: Verdana;
Main menu font	.dmxNavigationMenu > ul > li > a	font-family: Helvetica;
Sub menu font	.dmxNavigationMenu ul.sub > li > a	font-family: Georgia;
Menu Title color	dmxNavigationMenu h3	color: #0CF;
All text color in entire menu	dmxNavigationMenu *	color: #F0D;
Main menu text color	.dmxNavigationMenu > ul > li > a	color: #F0D;
Sub menu text color	.dmxNavigationMenu ul.sub > li > a	color: #F0D;
Hover items text color	.dmxNavigationMenu li a:hover, .dmxNavigationMenu li a.hover	color: #F0D;
Menu Title size	dmxNavigationMenu h3	font-size: 14px;
All text sizes in entire menu	dmxNavigationMenu *	font-size: 11px;
Main menu font size	.dmxNavigationMenu > ul > li > a	font-size: 12px;
Sub menu font size	.dmxNavigationMenu ul.sub > li > a	font-size: 11px;
Menu width <sup>1)</sup>	.dmxNavigationMenu	width:450px;
Menu height	.dmxNavigationMenu	height: 60px;
Sub menu width <sup>2)</sup>	.dmxNavigationMenu ul.sub	width:200px;

<sup>1)</sup> Can also be set in the Properties Inspector

<sup>2)</sup> Only works when no value is set in the Extension Window

## 4.6. Positioning

Part to change	Selector	Example of property and value to change or add
Right Menu Title position	.dmxNavigationMenu h3	float: right;
Aligning Search Form from bottom	.dmxNavigationMenu form.dmxSearchForm	bottom: 10px;
Aligning Search Form from top	.dmxNavigationMenu form.dmxSearchForm	top: 10px;
Aligning Search Form from right	.dmxNavigationMenu form.dmxSearchForm	right: 25px;

## 4.7. Shadow

Part to change	Selector	Example of property and value to change or add
Shadow on Sub menu	<code>.dmxNavigationMenu ul.sub</code>	<code>-moz-box-shadow: 5px 5px 5px #000;</code> <code>-webkit-box-shadow: 5px 5px 5px #000;</code> <code>box-shadow: 5px 5px 5px #000;</code>
Shadow on Main menu	<code>.dmxNavigationMenu</code>	<code>-moz-box-shadow: 5px 5px 5px #000;</code> <code>-webkit-box-shadow: 5px 5px 5px #000;</code> <code>box-shadow: 5px 5px 5px #000;</code>

## 4.8. Miscellaneous

Part to change	Selector	Example of property and value to change or add
Horizontal separator color	<code>.dmxNavigationMenu ul.horizontal &gt; li.separator</code>	<code>background-color: #000;</code>
Horizontal separator height	<code>.dmxNavigationMenu ul.horizontal &gt; li.separator</code>	<code>height:15px;</code>
Vertical separator color	<code>.dmxNavigationMenu li.separator</code>	<code>background-color: #000;</code>
Change expendable down image	<code>.dmxNavigationMenu span.sub_down</code>	<code>background-image: url('down.png');</code>
Change expendable up image	<code>.dmxNavigationMenu span.sub_up</code>	<code>background-image: url(up.png');</code>
Change expendable left image	<code>.dmxNavigationMenu span.sub_left</code>	<code>background-image: url(left.png');</code>
Change expendable right image	<code>.dmxNavigationMenu span.sub_right</code>	<code>background-image: url(right.png');</code>