jQuery Plugin Midnight.JS Presentation

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Slide 1

What is Midnight.JS?

Midnight.JS is a jQuery plugin that allows you to change the color of your fixed logo or navigation according to the background color of the page as you scroll down.

Talking points

Midnight.js is a useful jQuery plugin created by AeroLab for websites that are scrolling or have a parallax effect, and you want your fixed logo or navigation to coordinate with the background color of the new section you scroll into as you scroll down the page. Scrolling websites are a popular trend right now in the web world because they can be mobile friendly – as opposed to navigating through multiple pages like on a regular desktop, they decrease the load time on a mobile device by making your content scrollable.

I’m going to hop over really quick to their demo site so you can get an idea on what I’m talking about.

<http://aerolab.github.io/midnight.js/>

Midnight.js comes in handy especially if branding is the main idea of your website or if you want to create a variety on your scrollable website in regards to design and it makes it possible that your logo or navigation stylishly corresponds to the new section it scrolls into.

As you can it’s very customizable through CSS as well which I will go into more detail with the example that I have created.

Slide 2

Getting Started:

So you’re going to have to download the jQuery library and the midnight Plugin in order for it to work! Link them into your html and your ready to start coding!

Vertical slides

<https://jquery.com/>

<http://aerolab.github.io/midnight.js/>

Aerolab have also a very extensive Read Me file on their github that elaborates on the multiple ways you can customize your header

https://github.com/Aerolab/midnight.js

Slide 3

Let’s get coding!

Once you downloaded all the files, you want to link them to your html with <script> tags.

I have linked them at bottom before the body closing tag.

You also want to create your own CSS file and link them to your markup because you need styling for your website. In my markup I also added a reset stylesheet to my markup in order to normalize elements that my have default styling in some browser.

You can download a reset stylesheet from <https://necolas.github.io/normalize.css/>

After everything is linked up, you want to create your header.

The header could be logo or fixed navigation. But for this example I’m going to be using a logo.

I’m using the element nav and setting a class of “fixed” which will be styled momentarily. Within the nav tags there’s a div that I have added a class of midnightHeader default. So if a specific color is not defined for a certain section, then it fall back on default. Within the div, I have created an anchor element with the class of logo. The company’s name is Luana Photography. On a side note - I do photography as a second part time job so all images are my own.

<nav class="fixed">

<div class = “midnightHeader default”>

<a class="logo">Luana Photography</a>

</div>

</nav>

From here, we can create sections that the fixed header will be scrolling through. I created an empty header that is styled as you will see to demonstrate how the default class will take over. I’ve created four sections with a class of first, second, third, and fourth background – each styled with its own image. And then here you will see that I have added the data-midnight attribute to each section defining what color I want the header to be changed.

These colors are customized in CSS, and before I head over to the css code, we need one more thing to make everything to work.

<header>

</header>

<section class="first-background" data-midnight="grey">

</section>

<section class="second-background" data-midnight="blue">

<h1></h1>

</section>

<section class="third-background" data-midnight="red">

<h1></h1>

</section>

<section class="fourth-background" data-midnight="white">

<h1></h1>

</section>

$(**document**).ready(function(){  
 $(**'nav.fixed'**).midnight();  
});

We have to initialize the plugin and target the selector that we want midnight to add its magic to.

As we come over to the CSS code, you see all the selectors that I have added styling to… but I wanted to pay particularly attention to the midnight Header selectors. Also, I just wanted to point out really quick the nav.fixed selector that is targeted need to set the position fixed. If not… your header won’t scroll with the page.

Ok headers… this is where you can customize beyond the default by using the selectors .midnightHeader.color and specifically the logo we want to change, .logo. Inside the curly brackets you then style by defining the color or changing the font as as I did with blue and white.

And we look back at the markup, in each section, that is where we get the values of all the colors for data-midnight.

Show now let’s look at the finished product.