

niki hypbeam's awesome theme guide for HTML/CSS

this should (hopefully) teach you how to change your site's style sheet using a button on the website using cookies, letting you have site themes!

what you will need:

- basic knowledge of computer science
- a working understanding of css/html/js for site making
- a burning self hatred in your soul
- a willingness to learn :]

step one: paste this into the header of every page you want the current theme to affect. directly after the starting <html> tag. dont worry if this seems like alot, we are going to break this down step by step so you can fit it to your own needs.

```
<script>
/* checks if input is 0,1,2, or 3, then writes a cookie
accordingly, then updates css */
function writeCookie(cv) {
  if (cv == 0) {
    document.cookie = "colorSheet=0"
  } else if (cv == 1) {
    document.cookie = "colorSheet=1"
  } else if (cv == 2) {
    document.cookie = "colorSheet=2"
  } else if (cv == 3) {
    document.cookie = "colorSheet=3"
  }
}
checkState()
```

```

};
/* get the cookie based on input */
function readCookie(name) {
    var nameEQ = name + "=";
    var ca = document.cookie.split(';');
    for(var i=0;i < ca.length;i++) {
        var c = ca[i];
        while (c.charAt(0)==' ') c =
c.substring(1,c.length);
        if (c.indexOf(nameEQ) == 0) return
c.substring(nameEQ.length,c.length);
    }
    return null;
}

/* changes style sheet based on input */
function color(cs) {
    var css;
    if (cs == 0) {
        css = "/style.css"
    } else if(cs == 1) {
        css = "/style2.css"
    } else if(cs == 2) {
        css = "/style3.css"
    } else if(cs == 3) {
        css = "/style4.css"
    }
    document.getElementById('colorStyle').href = css;
};

```

```

/* provides input for color(), pretty much used as an
"update" function */
function checkState() {

```

```

let state = readCookie("colorSheet");
if (state == "0") {
  color(0)
} else if (state == "1") {
  color(1)
} else if (state == "2") {
  color(2)
} else if (state == "3") {
  color(3)
};
};

</script>

```

step 2: adjust to how many themes you want. by default it is set up for 4 but this can be easily changed by removing or copy/pasting small parts of this. there are 3 places you need to do this.

first, here, where it checks for the the button input to write the cookie. to have less themes, simply remove an else if statement. to add more, copy paste starting at "else". then, increment the numbers for `(cv == 3)` and `"colorSheet=3"` by one.

```

/* checks if input is 0,1,2, or 3, then writes a cookie
accordingly, then updates css */
function writeCookie(cv) {
  if (cv == 0) {
    document.cookie = "colorSheet=0"
  } else if (cv == 1) {
    document.cookie = "colorSheet=1"
  } else if (cv == 2) {
    document.cookie = "colorSheet=2"

```

```

    } else if (cv == 3) {
        document.cookie = "colorSheet=3"
    }
    checkState()
};

```

for example: if i wanted 6 themes it would look like this:

```

/* checks if input is 0,1,2, or 3, then writes a cookie
accordingly, then updates css */
function writeCookie(cv) {
    if (cv == 0) {
        document.cookie = "colorSheet=0"
    } else if (cv == 1) {
        document.cookie = "colorSheet=1"
    } else if (cv == 2) {
        document.cookie = "colorSheet=2"
    } else if (cv == 3) {
        document.cookie = "colorSheet=3"
    } else if (cv == 4) {
        document.cookie = "colorSheet=4"
    } else if (cv == 5) {
        document.cookie = "colorSheet=5"
    }
    checkState()
};

```

second, here, where it changes the CSS style sheet according to the contents of the cookie we will set later. similarly, to add more themes we copy paste starting at "else", then we increment (cs == 3) and `"/style4.css"` by one.

```
/* changes style sheet based on input */
function color(cs) {
    var css;
    if (cs == 0) {
        css = "/style.css"
    } else if(cs == 1) {
        css = "/style2.css"
    } else if(cs == 2) {
        css = "/style3.css"
    } else if(cs == 3) {
        css = "/style4.css"
    }
    document.getElementById('colorStyle').href = css;
};
```

for example: if i wanted 6 themes this part would look like this:

```
/* changes style sheet based on input */
function color(cs) {
    var css;
    if (cs == 0) {
        css = "/style.css"
    } else if(cs == 1) {
        css = "/style2.css"
    } else if(cs == 2) {
        css = "/style3.css"
    } else if(cs == 3) {
        css = "/style4.css"
    } else if(cs == 4) {
        css = "/style5.css"
    } else if(cs == 5) {
        css = "/style6.css"
    }
}
```

```
document.getElementById('colorStyle').href = css;
};
```

last, here, where we define the "update css" function. we call this any time we need the page to refresh with the most recent theme data. once again, you guessed it, we add more themes by copy pasting starting with "else" and incrementing

(state == "3") and color(3) by one. dont forget to move the semicolon!

```
/* provides input for color(), pretty much used as an
"update" function */
function checkState() {
let state = readCookie("colorSheet");
if (state == "0") {
    color(0)
} else if (state == "1") {
    color(1)
} else if (state == "2") {
    color(2)
} else if (state == "3") {
    color(3)
};
```

for example: if i wanted THIS part to have 6 themes it would look like this:

```
/* provides input for color(), pretty much used as an
"update" function */
function checkState() {
let state = readCookie("colorSheet");
if (state == "0") {
    color(0)
```

```
} else if (state == "1") {  
    color(1)  
}  
} else if (state == "2") {  
    color(2)  
}  
} else if (state == "3") {  
    color(3)  
}  
} else if (state == "4") {  
    color(4)  
}  
} else if (state == "5") {  
    color(5)  
};
```

and thats the first step complete!

step 2: add a `checkState()` to your html header after your style sheet is loaded by pasting this before your page title:

```
<script>checkState()</script>
```

for me my full site header with my 4 themes now looks like this:

```
<html>  
<script>  
/* checks if input is 0,1,2, or 3, then writes a cookie  
accordingly, then updates css */  
function writeCookie(cv) {  
    if (cv == 0) {  
        document.cookie = "colorSheet=0"  
    } else if (cv == 1) {  
        document.cookie = "colorSheet=1"  
    } else if (cv == 2) {
```

```

        document.cookie = "colorSheet=2"
    } else if (cv == 3) {
        document.cookie = "colorSheet=3"
    }
    checkState()
};
/* get the cookie based on input */
function readCookie(name) {
    var nameEQ = name + "=";
    var ca = document.cookie.split(';');
    for(var i=0;i < ca.length;i++) {
        var c = ca[i];
        while (c.charAt(0)==' ') c =
c.substring(1,c.length);
        if (c.indexOf(nameEQ) == 0) return
c.substring(nameEQ.length,c.length);
    }
    return null;
}

/* changes style sheet based on input */
function color(cs) {
    var css;
    if (cs == 0) {
        css = "/style.css"
    } else if(cs == 1) {
        css = "/style2.css"
    } else if(cs == 2) {
        css = "/style3.css"
    } else if(cs == 3) {
        css = "/style4.css"
    }
    document.getElementById('colorStyle').href = css;
}

```

```

};

/* provides input for color(), pretty much used as an
"update" function */
function checkState() {
let state = readCookie("colorSheet");
if (state == "0") {
    color(0)
} else if (state == "1") {
    color(1)
} else if (state == "2") {
    color(2)
} else if (state == "3") {
    color(3)
};
};

</script>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <link rel="icon" type="image/x-icon"
href="/favicon.ico">
    <link id="colorStyle" href="/style.css"
rel="stylesheet" type="text/css" media="all">
    <script>checkState()</script>
<title> HYPRBEAM </title>
</head>

```

header complete! this was alot of setup for stuff we will execute on later. remember that this code must be added to the header of every page you want the site theme to affect!

next up: buttons to change the theme!

you can do this in a number of ways, but i like to use little pictures! i do this with the following script:

```

```

you simply embed an image like any other with the "`onclick`" tag added to it. then, depending on which theme you want it to change to, you change the number in "`writeCookie(0)`" to the corresponding theme! this will write the cookie with the selected theme to the user's device so it persists across pages, then refresh the page to reflect the current theme.

now that we have set up the framework for our themes, this is where you get to actually make them! this is also, sadly, where i can provide the least guidance.

we start by duplicating the style sheet you are already using however many times you need for the amount of themes you have. for me, this means i have 4 style sheets in the root folder of my website. you can name these whatever you want, but its recommended to just name them "`style[number].css`" like we did back in step one. so for 3 it would be like `style.css`, `style2.css`, `style3.css`.

and now for the fun part! mess around with your alternate style sheets! change the colors, change the background, do whatever! this is the actual theming part of the process so go wild! do whatever. message me on discord at `_hyprbeam` if you have trouble with the guide. thank you for reading!

