

FALL 2021 / ONLINE

INTERACTIVE DEVELOPMENT

Friday, November 5

WARM-UP QUESTION:
**WHAT'S YOUR
FAVORITE SEASON?**

AO7.1 CHECK-IN

COLOR GUIDE

ASSIGNMENT 07.1: **UPDATED**

WEBSITE DISTILLERY: COLOR GUIDE

We're sticking with the distillery! Continue with your type specimen page and create a grid of thumbnails for the colors used in the website.

- Create a simple wireframe of the design
- Website should be mobile-first/responsive and when you click the color, it should copy the hex code to your clipboard (via JavaScript)
- Design check-in Friday, Nov 5 (Today)
- Final due Tuesday, November 9, 5PM CDT

Late submissions will be deducted -10% of the overall grade for each day the assignment is late unless arrangements are made with Maxx or Bryan.

COLOR GUIDE EXAMPLES

[mozilla dot design](#)[Firefox Brand](#)[Mozilla Brand](#)[Resources](#)[Press Assets](#)[Quick Links](#) ▾

Brand Palette

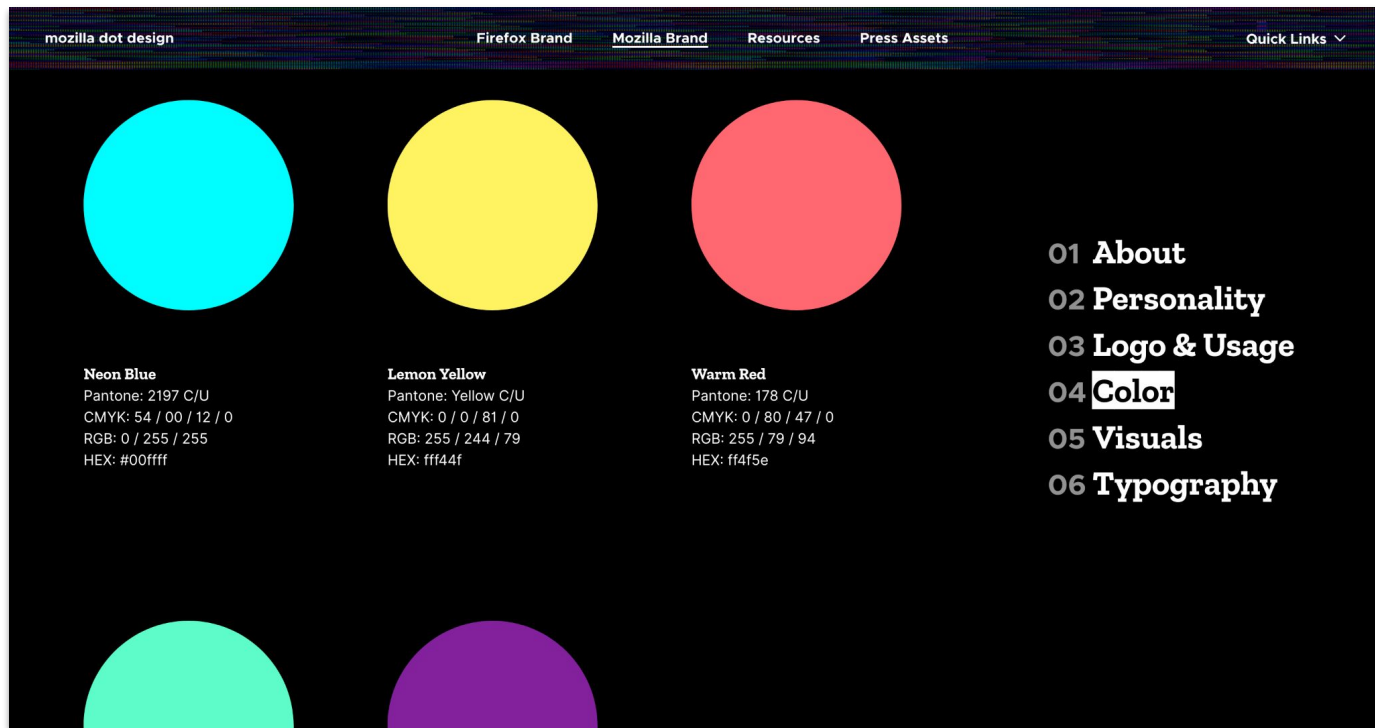
Our new brand palette consists of eight core hues — one more than the standard rainbow — used as solids and gradients.

#88FFD1

Click to copy Hex value

- 01 About
- 02 Personality
- 03 Logos & Usage
- 04 Color
- 05 Visuals
- 06 Typography

COLOR GUIDE EXAMPLES



COLOR GUIDE EXAMPLES

moz://a

Home
Documentation

Fundamentals

Design Principles
Themes
Typography
Tokens
Color

Atoms

Text
Buttons
Forms
Links
Lists
Logos & Wordmarks
Section Heading
Video
Zap

Molecules
















Cards
Details
Download Button
Emphasis Box

Color

inprogress

Todo:

- Some guidelines about color and how we use it.
- Swatches need better grouping e.g. "Primary/Secondary brand colors", "Interface colors".

	Green 05 #e3ffff \$color-green-05		Pink 50 #ff298a \$color-pink-50		Dark Gray 05 #5b5b66 \$color-dark-gray-05
	Green 10 #d1ffee \$color-green-10		Pink 60 #e31587 \$color-pink-60		Dark Gray 10 #52525e \$color-dark-gray-10
	Green 20 #b3ffe3 \$color-green-20		Pink 70 #c60084 \$color-pink-70		Dark Gray 20 #4a4a55 \$color-dark-gray-20
	Green 30 #88ffd1 \$color-green-30		Pink 80 #7f145b \$color-pink-80		Dark Gray 30 #42414d \$color-dark-gray-30
	Green 40		Pink 90		Dark Gray 40

WHAT IS WORDPRESS?



WHAT IS WORDPRESS?

WordPress was originally created as a blog-publishing system but has evolved to support nearly every other content on the web.





41%

OF THE TOP
10 MILLION WEBSITES
USE WORDPRESS

64%

OF ALL KNOWN
CMS SITES USE
WORDPRESS

CONTENT MANAGEMENT SYSTEM

A content management system (CMS) is an application that is used to manage web content, allowing multiple contributors to create, edit and publish. Content in a CMS is typically stored in a database and displayed in a presentation layer based on a set of templates.

Core functions:

- Intuitive indexing, search and retrieval
- Format management
- Revision features
- Publishing

WHAT IS PHP?

PHP (*Hypertext Preprocessor*) is an open-source server-side scripting language that can be embedded into HTML to build web applications and dynamic websites.

Example markup:

```
<?php
    echo "Hello World!";
?>
```

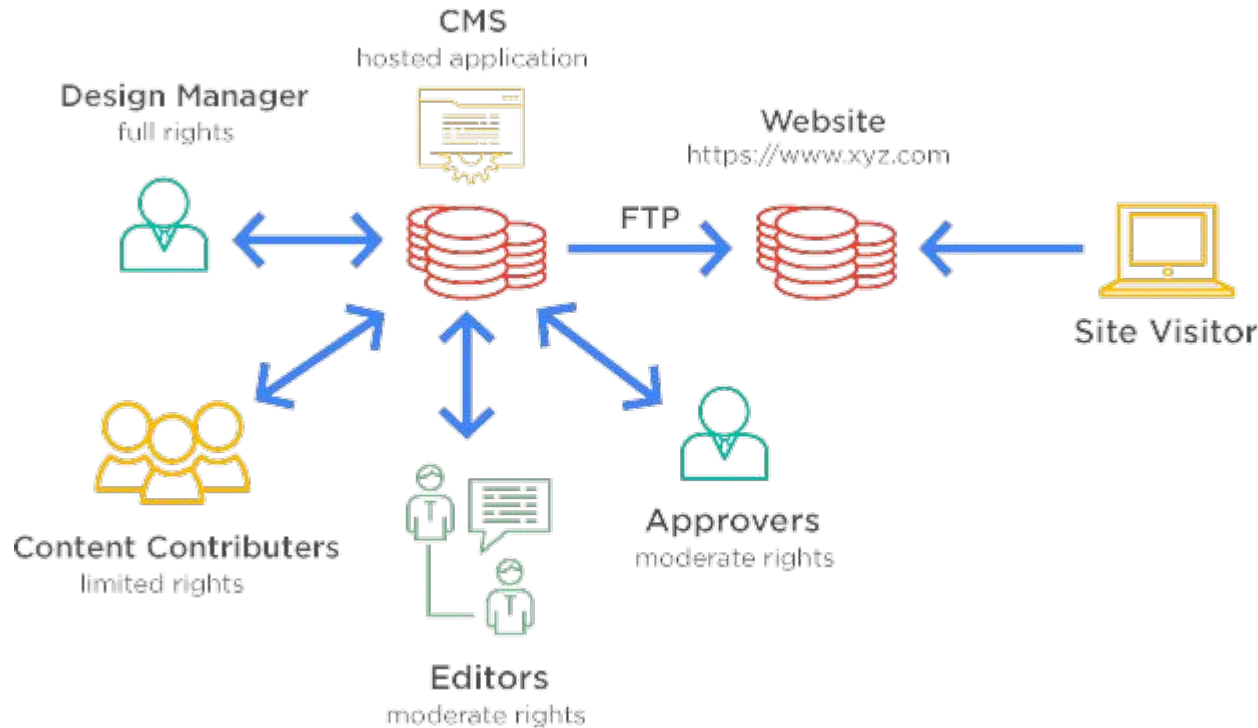
WHAT IS MySQL?

MySQL is an open-source **relational database management system** (RDBMS).

A **relational database** organizes data into one or more data tables in which data types may be related to each other; these relations help structure the data.

SQL is a language programmers use to create, modify and extract data from the relational database, as well as control user access to the database.

HOW DOES A CMS WORK?



WHAT IS WEB HOSTING?

TLDR: Web hosting is rented file space on a hosting company's web server. You put website files on the web server. The web server provides website content to website visitors.

Managed WordPress Hosting

WordPress-specific hosting that has a number of convenient features to make it easier to manage, secure, and speed up your WordPress site.

- Automatic updates
- Daily backup services
- Performance optimizations
- Development and Stage environments

WHAT ARE ENVIRONMENTS?

Environments are individual instances of WordPress. This means you can work on an environment independently and without impacting other environments.

There are three types of “environments”:

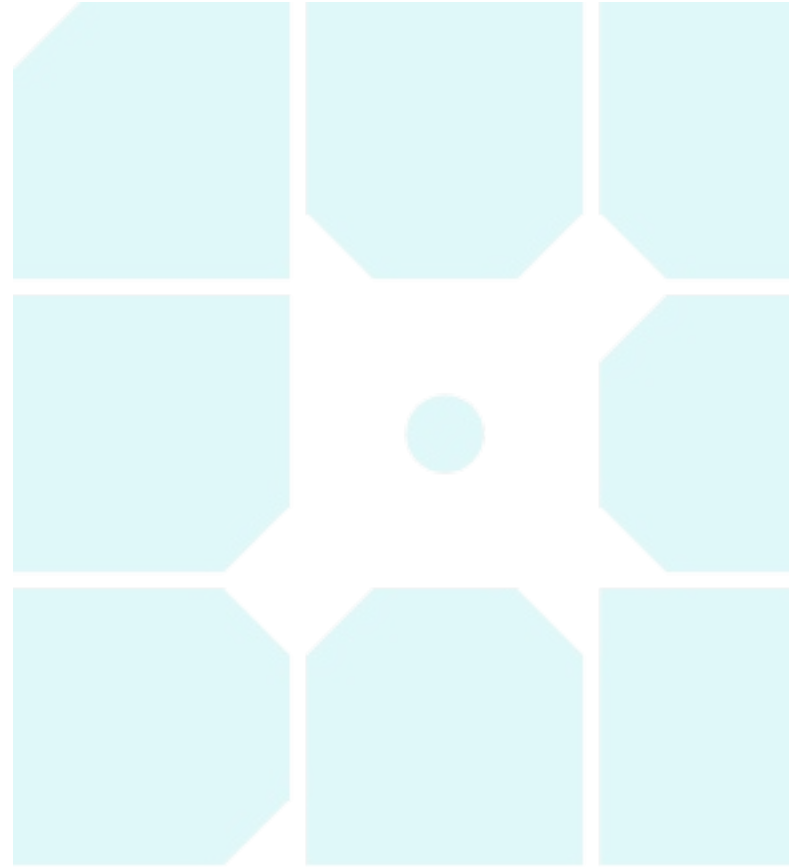
- Production (PRD)
- Staging (STG)
- Development (DEV)

HOW DO WE
GET HOSTING?

WPENGINE

\$30/month

<https://maxx.link/wpe-signup>



WPENGINE

\$30/month

<https://maxx.link/wpe-signup>

**SET A REMINDER
TO CANCEL NOW**

Hey there – I'm teaching a class on WordPress development. I'm asking each of my students to get a month of the starter hosting. Is there any student pricing/etc I can point them to?

Unfortunately not I'm sorry!
However you do get 3 months free

So you will need to pay upfront for your first month but if you cancel within 60 days you'll get a full refund

Just now.

WP ADMIN

WP Engine

Dashboard

Home

Updates

Posts

Media

Pages

Comments

Genesis Blocks

Appearance

Plugins

Users

Tools

Settings

Collapse menu

Maxx Crawford Site

10

New

WP Engine Quick Links

Howdy, uafsmxxstg

Screen Options

Help

Dashboard

Welcome to WordPress!

We've assembled some links to get you started:

Get Started

Customize Your Site

or, [change your theme completely](#)

Next Steps

[Write your first blog post](#)

[Add an About page](#)

[Set up your homepage](#)

[View your site](#)

More Actions

[Manage widgets](#)

[Manage menus](#)

[Turn comments on or off](#)

[Learn more about getting started](#)

Site Health Status

No information yet...

Site health checks will automatically run periodically to gather information about your site. You can also [visit the Site Health screen](#) to gather information about your site now.

At a Glance

1 Post

1 Page

1 Comment

WordPress 5.8.1 running [Genesis Block Theme](#) theme.

[Search engines discouraged](#)

Quick Draft

Title

Content

What's on your mind?

Save Draft

WordPress Events and News

Attend an upcoming event near you.

[Using Yoast to Boost your SEO](#)

Tuesday, Nov 9, 2021

Drag boxes here

WP ADMIN PANEL

This is **the control panel** for your entire WordPress website.

It's where you create and manage content, add functionality in the form of plugins, change styling in the form of themes, and lots, lots more.

WP THEME

A WordPress theme is a tool to change the layout and design of your website. Themes customize the appearance of your site, including the layout, typography, color, and other design elements.

A theme is a zipped folder with a group of files, including a set of page templates written in the PHP programming language combined with some CSS stylesheets.

Note: Changing your WordPress theme won't necessarily change your blog content, pages, users, or other information stored in your database. Your theme only changes how all that information is displayed to your website visitors.

WP PLUGIN

A plugin is a piece of software containing a group of functions that can be added to a WordPress website. They can extend functionality or add new features to your WordPress websites.

Examples include:

- WooCommerce (E-commerce)
- Contact Form 7 (Forms)
- Akismet Spam Protection

WORDPRESS

POST EDITOR DEMO

ASSIGNMENT 8.0

WORDPRESS STARTING BLOCKS

This assignment will get you on the ground, working with a WordPress site

- Create an account on WP Engine (<http://maxx.link/wpe-signup>)
- Create a new WordPress site
 - Name the site whatever your GitHub name is
- Create a new post with a short write-up with the following prompt:
 - How has your outlook of the internet changed since starting this course?
- Final due Friday, November 12, Beginning of class

Late submissions will be deducted -10% of the overall grade for each day the assignment is late unless arrangements are made with Maxx or Bryan.

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