

WORDPRESS THEMES – PART 1

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Another discussion!

FUNDAMENTALS (20 MIN.)

- What is a theme?
- Why are they needed?
- Choosing a theme

ADVANCED (40 MIN.)

- Modifying a theme (child theme)
- Security (overview)

WHAT IS A THEME?

- Changes look and feel (CSS and PHP)
- Zip archive
- Think of it as a skin (doesn't change contents)

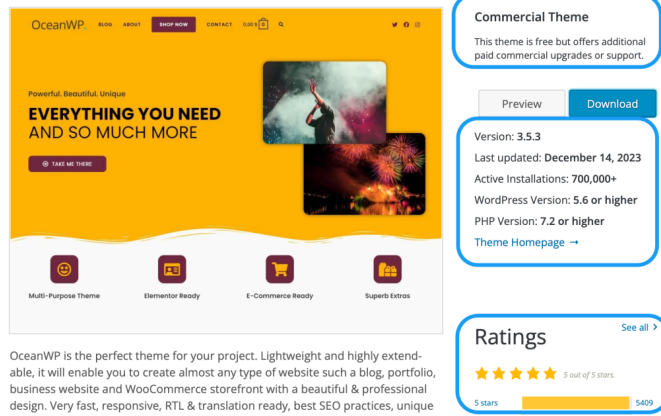
WHY ARE THEY NEEDED?

- Initial one installed when create your site
- Give your site a fresh look
- Many are mobile friendly

CHOOSING A THEME

- 11,800+ (Feb., 2024) <https://wordpress.org/themes/>

OceanWP By oceanwp




Commercial Theme
This theme is free but offers additional paid commercial upgrades or support.

[Preview](#) [Download](#)

Version: 3.5.3
Last updated: December 14, 2023
Active Installations: 700,000+
WordPress Version: 5.6 or higher
PHP Version: 7.2 or higher
[Theme Homepage](#) →

Ratings [See all >](#)

★★★★★ 5 out of 5 stars

5 stars  5409

OceanWP is the perfect theme for your project. Lightweight and highly extendable, it will enable you to create almost any type of website such as a blog, portfolio, business website and WooCommerce storefront with a beautiful & professional design. Very fast, responsive, RTL & translation ready, best SEO practices, unique

MODIFYING A THEME

- Never directly modify a theme (why?)
- Make a child theme
 - CSS – **style.css**
 - PHP – **functions.php**

STYLE.CSS

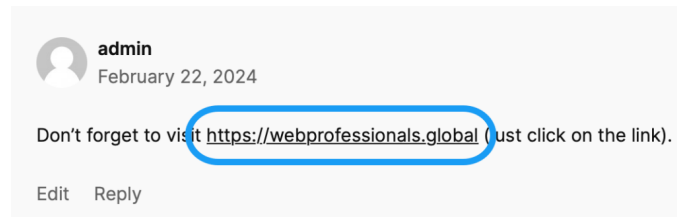
Theme Name: WPG Child Theme
Theme URI: <https://www.webprofessionalsglobal.org/>
Description: A Twenty Nineteen child theme
Author: Mark DuBois
Author URI: <https://www.webprofessionalsglobal.org>
Template: twentynineteen
Version: 1.0.0
Text Domain: twentynineteenchild

FUNCTIONS.PHP

```
/* enqueue scripts and style from parent theme */
add_action( 'wp_enqueue_scripts', 'twenty_nineteen_enqueue_styles' );
function twenty_nineteen_enqueue_styles() {
    wp_enqueue_style(
        'twenty-nineteen-parent-style',
        get_parent_theme_file_uri( 'style.css' )
    );
}
```

ENHANCING YOUR THEME?

Links in comments are clickable by default.



REMOVE A FILTER

```
remove_filter( hookname, callback, priority );
```

WORKING EXAMPLE

```
remove_filter( 'comment_text', 'make_clickable', 9 );
```

ADD A SHORTCODE

```
function wpg_user_count() {  
    usercount = count_users(); result = usercount['total_users']; return result;  
}  
// Creating a shortcode to display user count  
add_shortcode('user_count', 'wpg_user_count');
```

ADD FUNCTIONALITY

```
add_filter( hook_name, callback, priority, accepted_args );
```

SVG NOT INCLUDED BY DEFAULT

You are using the multi-file uploader. Problems? Try the [browser uploader](#) instead.

Maximum upload file size: 2 GB.

"WebProfessionalsGlobal2022Logo.svg" has failed to upload.
Sorry, you are not allowed to upload this file type.

NEW MIME TYPE UPLOAD

```
function new_mime_types($mime_types){  
    $mime_types['svg'] = 'image/svg+xml'; //Adding svg  
    extension  
    return $ mime_types;  
}  
add_filter('upload_mimes', 'new_mime_types', 1, 1);
```

AFTER CODE ADDED

Uploaded on: February 22, 2024
Uploaded by: [admin](#)
Uploaded to: [Testing and more](#)
File name: WebProfessionalsGlobal2022Logo.svg
File type: image/svg+xml
File size: 31 KB

Alternative Text

[Learn how to describe the purpose of the image.](#) Leave empty if the image is purely decorative.

Title

RANDOM BACKGROUND?

```
function wpg_backgr() {  
  rand = array('0', '1', '2', '3', '4', '5', '6', '7', '8', '9', 'a', 'b', 'c', 'd', 'e', 'f');color  
  ='#'.rand[rand(0, 15)].rand[rand(0,15)].rand[rand(0, 15)].rand[rand(0,15)].rand[rand(0, 15)].rand[rand(0,15)]  
  echo $color;  
}
```

HEADER.PHP ALSO

```
<body <?php body_class(); ?> style="background-color:<?php wpg_backgr();?>">
```

RESULT...



SECURITY

- PHP code is vulnerable
- Keep themes and plugins updated
- Discussion?

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Next month's topic?