

# Head & Footer Hooks

Control what goes into your site's <head>, <body> and document elements with these essential WordPress hooks.

These hooks power your site's meta data, structure and SEO.



## head-meta

CATEGORY

4wp.dev/hooks/category/head-meta/

Runs inside the <head> section. Use it to add meta tags, links and other head elements for your site.

```
<?php
do_action( 'head_meta' );
// Add custom meta, links, etc.
```



01 Add meta. Improve SEO.



## wp\_head

ACTION

4wp.dev/hooks/actions/wp\_head/

Fires in the <head> section. Used by themes and plugins to add scripts, styles and meta data.

```
<?php
do_action( 'wp_head' );
// Enqueue styles, scripts, etc.
```



02 Load assets. Add meta.



## wp\_footer

ACTION

4wp.dev/hooks/actions/wp\_footer/

Fires before the closing </body> tag. Use it to add scripts, analytics, and other footer content.

```
<?php
do_action( 'wp_footer' );
// Enqueue scripts, analytics, etc.
```



03 Add scripts. Track performance.



## wp\_title

FILTER

4wp.dev/hooks/filters/wp\_title/

Filters the site title. Use it to modify or customize the page title before it's output.

```
<?php
add_filter( 'wp_title', function( $title ) {
    return $title . ' | My Site';
}, 10, 1 );
```



04 Customize titles. Improve UX.



## body\_class

FILTER

4wp.dev/hooks/filters/body\_class/

Filters the list of CSS classes added to the <body> tag. Use it for custom styling and logic.

```
<?php
add_filter( 'body_class', function( $classes ) {
    $classes[] = 'my-custom-class';
    return $classes;
} );
```



05 Add classes. Style your site.



## document\_title\_parts

FILTER

4wp.dev/hooks/filters/document\_title\_parts/

Filters the parts of the document title (site name, page title, separator, etc.). Use it to customize the title structure.

```
<?php
add_filter( 'document_title_parts', function( $parts ) {
    $parts['separator'] = ' | ';
    return $parts;
} );
```



06 Control the title structure.



4wp.dev/hooks/

## Better hooks. Greater control.

Use these WordPress hooks to add meta data, scripts, styles and custom logic exactly where it matters.



Small hooks.  
Big impact.



## WORDPRESS HOOKS

# wp\_head()

The wp\_head action hook is fired in the `<head>` section of your WordPress site.



```
add_action( 'wp_head',  
  'wp_site_icon' );
```

Favicon



```
add_action( 'wp_head',  
  'wp_head_scripts', 9 );
```

Scripts



```
add_action( 'wp_head',  
  'wp_print_styles', 8 );
```

Styles



```
add_action( 'wp_head',  
  'my_custom_meta' );
```

Custom Meta

Everything in  
the `<head>`  
starts here

```
<!DOCTYPE html>  
<html <?php language_attributes(); ?>>  
<head>  
  ...  
  do_action( 'wp_head' );  
  ...  
</head>  
<body <?php body_class(); ?>>  
  ...  
</body>  
</html>
```



[4wp.dev/hooks/actions/wp\\_head/](https://4wp.dev/hooks/actions/wp_head/)

**Power** your `<head>`.

Add meta tags, styles, scripts, and more  
using the wp\_head action hook.

## WORDPRESS FILTERS

# document\_title\_parts

Filters the parts that build the `<title>` tag on modern themes.

 **Filter Hook** since 4.4.0

The modern replacement for `wp_title`. Works with an array of title parts.



### Custom Title

```
add_filter( 'document_title_parts',  
    function( $title ) {  
        if ( is_singular( 'book' ) ) {  
            $title['title'] .= ' | Book Review';  
        }  
        return $title;  
    } );
```



### Remove Tagline

```
add_filter( 'document_title_parts',  
    function( $title ) {  
        unset( $title['tagline'] );  
        return $title;  
    } );
```



### Dynamic Title

```
add_filter( 'document_title_parts',  
    function( $title ) {  
        $title['title'] = 'Books | ' . $title['title'];  
        return $title;  
    } );
```

404

### 404 Title

```
add_filter( 'document_title_parts',  
    function( $title ) {  
        if ( is_404() ) {  
            $title['title'] = 'Page Not Found';  
        }  
        return $title;  
    } );
```



Edit title parts,  
not raw text.

```
<!DOCTYPE html>  
<html <?php language_attributes(); ?>>  
<head>  
    ...  
<?php  
    // Build the title parts array  
    $title = [  
        'title'   => 'Post Title',  
        'page'    => 'Page 2',  
        'tagline' => get_bloginfo( 'description' ),  
        'site'    => get_bloginfo( 'name' ),  
    ];  
  
    // Allow plugins and themes to modify parts  
    $title = apply_filters( 'document_title_parts',  
        $title  
    );  
  
    // The theme then renders the final <title>  
    ?>  
<title><?php echo implode( ' | ', array_filter(  
    $title ) ); ?></title>  
    ...  
</head>  
<body <?php body_class(); ?>>  
    ...  
</body>  
</html>
```

## Shape your `<title>`.

Customize SEO titles with the `document_title_parts` filter.



[4wp.dev/hooks/filters/document\\_title\\_parts/](https://4wp.dev/hooks/filters/document_title_parts/)



## WORDPRESS FILTERS

# wp\_title()

The **wp\_title** filter allows you to modify the title of your content before it's displayed in WordPress.

Modify the title with the **<filter>** hook.



```
add_filter( 'wp_title',  
'custom_title' );
```

Custom Title



```
add_filter( 'wp_title',  
'prepend_prefix', 10 );
```

Add Prefix



```
add_filter( 'wp_title',  
'format_title', 20 );
```

Format Title



```
add_filter( 'wp_title',  
'add_suffix', 30 );
```

Add Suffix



```
<!DOCTYPE html>  
<html <?php language_attributes(); ?>>  
<head>  
  
    <?php echo apply_filters(  
        'wp_title',  
        $title  
    ); ?>  
  
</head>  
<body <?php body_class(); ?>>  
    ...  
</body>  
</html>
```



[4wp.dev/hooks/filters/wp\\_title/](https://4wp.dev/hooks/filters/wp_title/)

## Power your **<filter>**.

Use the **wp\_title** filter to customize your content's title in WordPress.



# body\_class

Filters the CSS classes on `<body>`. `body_class` lets CSS target context without extra wrappers. Return the array – do not echo class names.

 **Filter Hook** since 2.8.0



## Logged-in Class

```
add_filter( 'body_class', function( $classes ) {  
    if ( is_user_logged_in() ) {  
        $classes[] = 'user-logged-in';  
    }  
    return $classes;  
} );
```



## Book Slug

```
add_filter( 'body_class', function( $classes ) {  
    if ( is_singular( 'book' ) ) {  
        $classes[] = 'book-' . get_post_field(  
            'post_name' );  
    }  
    return $classes;  
} );
```



## Role Classes

Add classes based on the current user role (e.g. admin, editor, author).



## Page Templates

Add classes based on the active page template (e.g. template-blog).



Filter hook  
since 2.8.0



```
<!DOCTYPE html>  
<html <?php language_attributes(); ?>>  
<head>  
    ...  
    <body <?php body_class(); ?>>  
    ...  
    <!-- or via the filter -->  
    apply_filters( 'body_class',  
        string[] $classes,  
        string[] $css_class );  
</body>  
</html>
```

## Shape your `<body>`.

Add contextual CSS classes with the `body_class` filter.



# wp\_footer()

The wp\_footer action hook is fired just before the closing `</body>` tag.

The last chance to modify your page output.

Everything before the closing `</body>` tag



```
add_action( 'wp_footer',  
  'my_custom_scripts' );
```

Scripts



```
add_action( 'wp_footer',  
  'my_custom_styles' );
```

Styles



```
add_action( 'wp_footer',  
  'analytics_tracking' );
```

Analytics



```
add_action( 'wp_footer',  
  'chat_widget' );
```

Third-Party Integrations



```
add_action( 'wp_footer',  
  'deferred_init' );
```

Deferred Initialization



```
<!DOCTYPE html>  
<html <?php language_attributes(); ?>>  
<head>  
  ...  
</head>  
<body <?php body_class(); ?>>  
  ...  
  <?php wp_footer(); ?>  
</body>  
</html>
```

## Hook into the end.

Load scripts, styles, and integrations right before the page closes.