

# Take Control Of Your Theme With Custom Theme Settings

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Resources: [https://github.com/erichuffman/cts\\_demo-7.x-1.0](https://github.com/erichuffman/cts_demo-7.x-1.0)

# What Do I Mean By “Custom Theme Settings?”

Drupal default theme settings

These options control the display settings for the *Custom Theme Settings Demo Theme*

### Toggle display

Enable or disable the display of certain page elements.

- Logo
- Site name
- Site slogan
- User pictures in posts
- User pictures in comments
- User verification status in comments
- Shortcut icon
- Main menu
- Secondary menu

### Logo image settings

If toggled on, the following logo will be displayed.

- Use the default logo

Check here if you want the theme to use the logo supplied with it.

### Shortcut icon settings

## Accessibility and support settings

### Layout

- Responsive sidebar layout (*layouts/responsive-sidebars.css*)
- Fixed width layout (*layouts/fix-width.css*)

### Anchor ID for the "skip link"

#

Specify the HTML ID of the element that the accessible-but-hidden "skip link" should link to. Note: that element should have the `tabindex="-1"` and `aria-hidden="true"` attributes. (Read more about skip links.)

### Text for the "skip link"

For example: *Jump to navigation*, *Skip to content*

### Add HTML5 and responsive scripts and meta tags to every page.

- Add Respond.js JavaScript to add basic CSS3 media query support to IE 6-8.
- Add HTML5 shim JavaScript to add support to IE 6-8.
- Add meta tags to support responsive design on mobile devices.

IE 6-8 require a JavaScript polyfill solution to add basic support of HTML5 and CSS3 media queries. If you prefer to use another polyfill solution, [jQuery Mobile](#) is available. CSS is enabled. Mobile devices require a few meta tags for responsive designs.

## Theme development settings

- Rebuild theme registry on every page.

During theme development, it can be very useful to continuously [rebuild the theme registry](#). WARNING: this is a huge performance penalty and must be turned off on production websites.

- Add wireframes around main layout elements

[Wireframes](#) are useful when prototyping a website.



Zen's custom theme settings

These options control the display settings for the AT Core theme. When your site is displayed using this theme, these settings will be used.

### Layout & General Settings

- Standard Layout
- Tablet Layout
- Smalltouch Layout
- Panels & Gpanels
- Global Settings
- File Manager
- CSS
- Polyfills
- Metatags
- Debugger
- Extensions

#### Bootstrap Settings

These options control the display settings for the *Omega* theme. When your site is displayed using this theme, these settings will be used.

- Show a warning when Omega is used directly  
You can disable this warning message permanently, however, please be aware that Omega is a base theme and should not be used directly. You should always create a sub-theme.

#### Compatibility extension configuration

Manage cross browser and device compatibility enhancements such as apple touch icons, conditional classes, and more.

- Enable Compatibility extension  
This setting can be overridden with an equally named variable (`omega_toggle_extension_compatibility`) so you can control it on a per-site basis in your `settings.php` file.
- Add conditional classes for Internet Explorer  
Adds conditional classes (for Internet Explorer) to the `<html>`.

#### Metatags and HTTP headers

- Apple touch icons  
You can set an Apple Touch Icon for your website just like you can set a favorite icon.
- Cleartype support for Windows  
Mobile Internet Explorer allows us to activate ClearType technology for smoothing fonts for easy reading.
- Handheld friendly  
The HandheldFriendly meta-tag was used initially by older Palm and Blackberry models as well as browsers like AvantGo.
- Mobile Optimized  
Microsoft introduced the MobileOptimized tag for the PocketPC.
- Viewport  
This is more widely supported by modern smartphones, including but not limited to: iOS, Android, Palm Pre, Blackberry, Windows Phone 7.

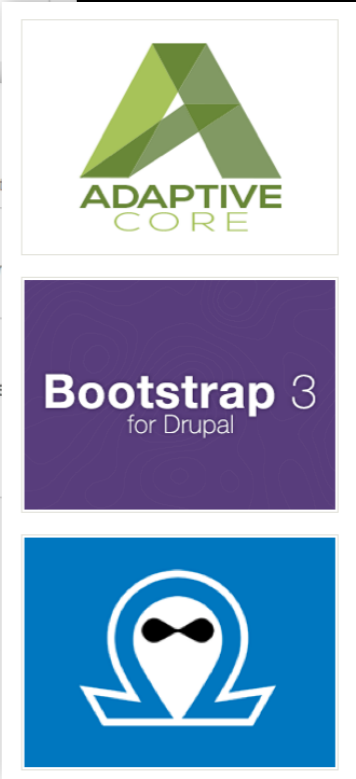
#### Viewport settings

**Initial scale**  
Default

The initial scaling of the page. Has to be in the range of the minimum- and maximum scale options.

- Convert simple form descriptions  
Form items that contain simple descriptions (no HTML and shorter than 200 characters) will be converted into tooltips. This helps reduce the sometimes unnecessary noise of form item descriptions. By treating descriptions that contain longer text or HTML as actionable descriptions, we ensure it is always visible so its usability remains intact.

Options



The "Heavyweights"

# How Does It Work?



my\_theme.info



template.php

settings[foo] = 0

```
my_theme_preprocess_page {  
  $foo_value = theme_get_setting('foo');  
  $variables['foo'] == $foo_value;  
}
```



page.tpl.php

```
<div class="style-<?php print $foo; ?>">Hello world.</div>
```

# How Does It Work?

 my\_theme.info

 template.php

settings[foo] = 0

 theme-settings.php  
hook\_form\_system\_theme\_settings\_alter()

 ../settings/my\_theme

```
my_theme_preprocess_page {  
  $foo_value = theme_get_setting('foo');  
  $variables['foo'] == $foo_value;  
}
```

 page.tpl.php

<div class="style-`<?php print $foo; ?>`">Hello world.</div>

# How Does It Work?

```
$form['site_flavor_settings']['site_flavor'] = array(  
  '#type' => 'select',  
  '#title' => t('Flavor:'),  
  '#default_value' => theme_get_setting('site_flavor'),  
  '#options' => $site_flavor_options,  
  '#description' => t('Select a flavor.'),  
);
```

These options control the display settings for

## Site Flavor

Select a flavor for your site.

**Flavor:**

Green Clovers

Select a flavor.

# How Could I Use This?

Live Demo

See: [https://github.com/erichuffman/cts\\_demo-7.x-1.0](https://github.com/erichuffman/cts_demo-7.x-1.0)



# How Could I Use This?

## Other Possibilities

(Live Demo 2)

# Pitfalls & Best Practices

- Avoid duplicating existing functionality.
- Don't cause confusion by overriding field a user expects to be able to control.
- Note user permission requirements. Site managers/builders will need to have *administer themes* permission.
- Keep the Drupal default theme settings, but consider hiding them with CSS to avoid confusion.
- File upload options: make sure they're set up as *managed files* (See: <https://www.drupal.org/node/177868#comment-4191174>)

# Recap:

- Creating your own custom theme settings is a handy way to offer tightly controlled visual identity options to site builder/mangers.
- To get started try experimenting with just setting values in your .info file, then try writing form field options in theme-settings.php file. See the documentation in my demo theme for more helpful direction.
- Keep it simple and avoid duplicating existing options.
- Use caution around surly leprechauns.



# Questions?



Thank You!