# Understanding the Classic theme

PrestaShop v1.7 comes preinstalled with the Classic theme, which is a simple but full-featured theme inspired by the Google Material Design language. The Classic theme is in the **themes/classic** directory and contains **preview.png**, which is the theme preview displayed on the **Design > Theme & Logo** tab in the Back Office, and several subdirectories. Some of these subdirectories contain a **.htaccess** file that prevent the files being directly accessed in a browser.

Note that you shouldn't edit any of the Classic theme files. Instead, see Creating a child theme to learn how to create your own theme that extends the Classic theme. By doing this, you can upgrade the Classic theme without losing your changes. It is still a good idea to learn how the Classic theme works though so you know how to extend it.

## Understanding the themes/classic/_dev directory

The **themes/classic/_dev directory** contains **package.json**, **package-lock.json**, postcss.config.js and **webpack.config.js**, which are used to load and configure the packages required to recompile the theme assets. There are also subdirectories with uncompiled theme assets including CSS in the **css** subdirectory, images in the **img** subdirectory and JavaScript in the **js** subdirectory.

Inside the **themes/classic/_dev/css directory**, there is the main SCSS file **theme.scss**. At the top of the file, there are **@import** statements that include Bourbon, Bootstrap, Bootstrap Touchspin and various other SCSS files in the **partials** and **components** subdirectories.

The files in the **themes/classic/_dev/css/partials** directory include **_commons.scss**, which contains the CSS that is common to all pages, **_fonts.scss**, which contains all the Noto Sans and Material Icons fonts used in the theme, **_mixins.scss**, which contains the SASS mixins that expand statements into entire blocks of code, and **_variables.scss**, which contains the variables that control the theme colors, sizes and spacings.

The **themes/classic/_dev/css/partials/_variables.scss** file contains variables for the theme colors and text styles. Here's a list of all the variables and their descriptions:

| Variable | Description |
| --- | --- |
| $gray-darker | The color used for headings, labels, prices, and the header navigation bar |
| $gray | The color used for the main text, top menu links, footer links, and placeholders |
| $gray-light | The background color of the main content, dividers, text fields and dropdowns |
| $gray-lighter | The background color of odd table rows and when hovering the clear all button |

| Variable | Description |
| --- | --- |
| $brand-primary | The link color on hover and the background color of primary buttons and the cart |
| $brand-secondary | The background color of discount badges in the cart and product listings and pages |
| $brand-success | The background color of success messages |
| $brand-warning | The background color of warning messages |
| $brand-danger | The background color of error messages |
| $label-color | The color of labels next to text fields and dropdowns |
| $btn-primary-color | The color of the text in primary buttons |
| $btn-primary-bg | The background color of primary buttons |
| $btn-primary-border | The border color of primary buttons |
| $btn-secondary-color | The color of the text in secondary buttons |
| $btn-secondary-bg | The background color of secondary buttons |
| $btn-secondary-border | The border color of secondary buttons |
| $btn-border-radius | The border radius in pixels to curve all buttons in the theme (e.g., 20px) |
| $input-border-color | The border color of text fields and dropdowns |
| $headings-font-weight | The font thickness of headings (e.g., normal or bold) |
| $tooltip-bg | The background color of Bootstrap tooltips |
| $border-radius | The border radius in pixels to curve breadcrumbs and <code> blocks (e.g., 20px) |
| $extra-small-space | The extra small spacing in root em (e.g., 0.3125rem) |
| $small-space | The small spacing in root em (e.g., 0.625rem) |
| $medium-space | The medium spacing in root em (e.g., 1.25rem) |
| $large-space | The large spacing in root em (e.g., 1.875rem) |
| $extra-large-space | The extra-large spacing in root rem (e.g., 2.5rem) |
| $warning | The base warning color |
| $warning-hover | The base warning color on hover |
| $alert-warning-bg | The background color of warning messages |
| $alert-warning-border | The border color of warning messages |
| $alert-warning-text | The text color of warning messages |
| $btn-warning-color | The text color of warning buttons |
| $btn-tertiary-color | The text color of tertiary buttons |
| $btn-tertiary-hover | The text color when hovering tertiary buttons |

| Variable | Description |
| --- | --- |
| $base-font-size | The base font size in root em used when calculating other font sizes (e.g., 1rem) |
| $font-size-lg | The font size of large text in root em (e.g., 0.9375rem) |
| $font-size-sm | The font size of small text in root em (e.g., 0.875rem) |
| $font-size-xs | The font size of extra small text in root em (e.g., 0.8125rem) |
| $font-size-h1 | The font size of <h1> headings in root em (e.g., 1.375rem) |
| $font-size-h2 | The font size of <h2> headings in root em (e.g., 1.25rem) |
| $font-size-h3 | The font size of <h3> headings in root em (e.g., 1.125rem) |
| $font-size-h4 | The font size of <h4> headings in root em (e.g., 1.125rem) |
| $font-size-h5 | The font size of <h5> headings in root em (e.g., 1rem) |
| $font-size-h6 | The font size of <h6> headings in root em (e.g., 0.9375rem) |
| $display1-size | The font size of the display-1 class in root em (e.g., 3.125rem) |
| $display1-weight | The font thickness of the display-1 class (e.g., normal or bold) |
| $display2-size | The font size of the display-2 class in root em (e.g., 2.188rem) |
| $display2-weight | The font thickness of the display-2 class (e.g., normal or bold) |
| $display3-size | The font size of the display-3 class in root em (e.g., 1.563rem) |
| $display3-weight | The font thickness of the display-3 class (e.g., normal or bold) |
| $display4-size | The font size of the display-4 class in root em (e.g., 1.25rem) |
| $display4-weight | The font thickness of the display-4 class (e.g., normal or bold) |
| $text-muted | The color of text in elements with the text-muted class |

## Understanding the themes/classic/assets directory

The uncompiled CSS, Javascript and images are compiled into the **themes/classic/assets** directory. The compiled CSS, fonts and images are stored in the **css** subdirectory and the compiled JavaScript is stored in **js/theme.js**. There is also **js/custom.js**, which can be used to add additional JavaScript.

The compiled CSS is stored in **themes/classic/assets/css/theme.css** and the fonts and images are stored in the same directory with hash code filenames. There is also **error.css** in the directory, which contains hardcoded CSS for the **layout error** page, and **custom.css**, which you can use to add additional hardcoded CSS to customize your theme.

The compiled CSS and JavaScript is combined and minified using Webpack and stored in the **themes/classic/assets/cache** directory. There will be multiple CSS and JavaScript files stored there with hash code filenames, one CSS and one JavaScript for each page with unique CSS or JavaScript.

## Understanding the themes/classic/config directory

The **themes/classic/config directory** contains the file **theme.yml**, which contains the theme information and data used to automatically configure PrestaShop when the theme is installed. At the top is the theme name, version and author information.

In the **compatibility** subsection of the **meta** section of **theme.yml**, the minimum compatible PrestaShop version of the Classic theme is set to PrestaShop 1.7.0.0 and there is no maximum version. The **availability_layouts** subsection specifies the names and descriptions of the layouts that can be chosen on the **Design > Theme & Logo > Choose layouts** page. The **configuration** subsection of the **global_settings** section of **theme.yml** causes the **Image format** setting on the **Design > Image Settings** tab to change to **Use PNG only if the base image is in PNG format** on theme installation. In the **modules**

subsection, there is a list of modules that will be enabled when the theme is installed. There is also a hooks subsection that lists which modules to automatically install into each hook. The **image_types** subsection sets the widths, heights and scopes of each image type, which can be seen on the **Design > Image Settings** tab.

The **theme_settings** section of theme.yml sets the default layout of the theme to full width and then adds a left column to the category, best seller, new products, specials and contact pages.

## Understanding the themes/classic/modules directory

The **themes/classic/modules** directory is used to override module templates, so they can be customized just for the Classic theme. Other themes will continue to use the original modules templates or use their own overrides. This makes it possible to upgrade modules without losing changes made to the theme.

Module template overrides mirror the same directory structure as the base templates. For example, the template **themes/classic/modules/blockreassurance/views/templates/hook/blockreassurance.tpl** overrides the template **modules/blockreassurance/views/templates/hook/blockreassurance.tpl**.

Here's a list of each override along with a description of what is changed by the Classic theme:

| Template | What it changes |
|---|---|
| blockreassurance | Adds a div around each image and text |
| contactform | |
| ps_banner | |
| ps_brandlist | |
| ps_categoryproducts | |
| ps_categorytree | |
| ps_contactinfo | |
| ps_crossselling | |
| ps_currencyselector | |
| ps_customeraccountlinks | |
| ps_customersignin | |
| ps_emailalerts | |
| ps_emailsubscription | |
| ps_facetedsearch | |
| ps_featuredproducts | |
| ps_imageslider | |
| ps_languageselector | |
| ps_legalcompliance | |
| ps_linklist | |
| ps_mainmenu | |
| ps_newproducts | |
| ps_productinfo | |
| ps_rssfeed | |
| ps_searchbar | |
| ps_sharebuttons | |

| Template | What it changes |
|---|---|
| ps_shoppingcart | |
| ps_socialfollow | |
| ps_specials | |
| ps_supplierlist | |
| ps_viewsproduct | |

## Understanding the themes/classic/templates directory

The themes/classic/templates directory contains all the templates that are not related to modules. The _partials subdirectories contain partial templates that do not create an entire page by themselves. The partial templates are called by other templates to create an entire page.

Here's a list of all the directories and templates along with short descriptions:

| Directory/Template | Description |
|---|---|
| contact.tpl | Contact information in the left column of the contact page |
| index.tpl | Homepage content |
| page.tpl | Page title and containers for the page content |
| **_partials** | Partial templates used by all pages |
| breadcrumb.tpl | Breadcrumb bar below the header |
| footer.tpl | Footer at the bottom of non-checkout pages |
| form-errors.tpl | Form error messages displayed after submitting a form |
| form-fields.tpl | Form fields such as dropdowns, text fields, checkboxes and radio buttons |
| head.tpl | Title, CSS, JavaScript, icons and SEO content in the \<head\> tag |
| header.tpl | Header at the top of non-checkout pages |
| javascript.tpl | JavaScript variables and links to external JavaScript files |
| notifications.tpl | Page notifications including errors, warnings and success messages |
| pagination.tpl | Buttons to navigate between pages of products |
| stylesheets.tpl | Inline CSS and links to external CSS files |
| **catalog** | Templates related to displaying product listings and pages |
| brands.tpl | Brand listing page |
| manufacturers.tpl | Brand listing page (for backwards compatibility with older modules) |
| product.tpl | Product page |
| suppliers.tpl | Supplier listing page |
| **catalog/_partials** | Partial templates related to products and product listings |
| active_filters.tpl | Currently selected filters displayed above product listings |
| facets.tpl | Available product filters displayed in the left column |
| product-activation.tpl | Messages on the product page (e.g., when previewing an offline product) |

| Directory/Template | Description |
| --- | --- |
| product-add-to-cart.tpl | Quantity, availability and Add to cart button on the product page |
| product-additional-info.tpl | Additional information displayed below the Add to cart button |
| product-cover-thumbnail.tpl | Product images and thumbnails on the product page |
| product-customization.tpl | Customization form below the short description on the product page |
| product-details.tpl | The Product Details tab at the bottom of the product page |
| product-discounts.tpl | Volume discounts on the product page |
| product-images-modal.tpl | Product images in the Quick view popup |
| product-prices.tpl | Prices under the product name on the product page |
| product-variants.tpl | Product attributes dropdowns on the product page |
| products-bottom.tpl | JavaScript at the bottom of product lists (not used by Classic theme) |
| products-top.tpl | Sorting, filters and pagination at the top of product lists |
| products.tpl | Product list with Back to top link in mobile view |
| quickview.tpl | Quick view popup |
| sort-orders.tpl | Product sort dropdown above product listings |
| variant-links.tpl | Color attributes on product listings |
| **catalog/_partials/miniatures** | Partial templates related to miniature versions of items |
| brand.tpl | Brand listing miniature |
| category.tpl | Subcategory listing miniature |
| pack-product.tpl | Pack product miniature |
| product.tpl | Product listing miniature |
| **catalog/listing** | Templates related to listing pages |
| best-sales.tpl | Best sellers listing page |
| category.tpl | Category listing page including the name and image at the top |
| manufacturer.tpl | Brand listing page including description at the top |
| new-products.tpl | New products listing page |
| prices-drop.tpl | Specials listing page |
| product-list.tpl | Product listing page |
| search.tpl | Search results page |
| supplier.tpl | Supplier listing page include description at the top |
| **checkout** | Templates related to the checkout pages |
| cart.tpl | Shopping cart page with products and summary in the right column |
| cart-empty.tpl | Shopping cart page with no products |
| checkout.tpl | Checkout pages including order steps and summary in the right column |
| checkout-process.tpl | Order steps on the checkout page |
| order-confirmation.tpl | Order confirmation page after completing an order |
| **checkout/_partials** | Partial templates related to the checkout pages |
| address-form.tpl | Address form on checkout page |

| Directory/Template | Description |
| --- | --- |
| address-selector-block.tpl | Address selector block on checkout page |
| cart-detailed.tpl | Detailed shopping cart block |
| cart-detailed-actions.tpl | Detailed shopping cart actions and minimal purchase warning |
| cart-detailed-product-line.tpl | Detailed shopping cart product line |
| cart-detailed-totals.tpl | Detailed shopping cart totals |
| cart-summary.tpl | Shopping cart summary |
| cart-summary-items-subtotal.tpl | Shopping cart summary subtotal |
| cart-summary-product-line.tpl | Shopping cart summary product line |
| cart-summary-totals.tpl | Shopping cart summary totals |
| cart-voucher.tpl | Shopping cart vouchers |
| customer-form.tpl | Customer account creation form on checkout page |
| footer.tpl | Footer at the bottom of checkout pages |
| header.tpl | Header at the top of checkout pages |
| login-form.tpl | Login form on checkout page |
| order-confirmation-table.tpl | Detailed cart information on the order confirmation page |
| order-final-summary.tpl | Final order summary before payment |
| order-final-summary-table.tpl | Final order summary table before payment |
| **catalog/_partials/steps** | Partial templates related to individual order steps |
| addresses.tpl | Addresses step content on the checkout page |
| checkout-step.tpl | Checkout step header for the previous steps on the checkout page |
| payment.tpl | Payment step content on the checkout page |
| personal-information.tpl | Personal Information step content on the checkout page |
| shipping.tpl | Shipping Methods step content on the checkout page |
| unreachable.tpl | Checkout step header for the next steps on the checkout page |
| **cms** | Templates related to CMS pages |
| category.tpl | CMS category listing page including subcategories and subpages |
| page.tpl | CMS page content, dispute information and print button |
| sitemap.tpl | Pages header and list on the sitemap page |
| stores.tpl | Our stores page with stores and opening hours |
| **cms/_partials** | Partial templates related to CMS pages |
| sitemap-nested-list.tpl | Pages list on the sitemap page |
| **customer** | Templates related to customer account pages |
| address.tpl | Address form on the Addresses customer account page |
| addresses.tpl | Addresses customer account page |
| authentication.tpl | Customer login and registration page |
| discount.tpl | Your vouchers customer account page |
| guest-login.tpl | Guest Order Tracking login page |
| guest-tracking.tpl | Guest Tracking page and registration form |

| Directory/Template | Description |
| --- | --- |
| history.tpl | Order history customer account page |
| identity.tpl | Your personal information customer account page |
| my-account.tpl | Your account page with sign out link |
| order-detail.tpl | Order details customer page |
| order-follow.tpl | Merchandise returns customer page |
| order-return.tpl | Return details customer page |
| order-slip.tpl | Credit slips customer page |
| page.tpl | Customer page with Back to your account and Home footer links |
| password-email.tpl | Forgot your password email form |
| password-infos.tpl | Forgot your password changed password information |
| password-new.tpl | Reset your password page (after clicking password reset link in email) |
| registration.tpl | Create an account page |
| **customer/_partials** | Partial templates related to customer pages |
| address-form.tpl | Address form content |
| block-address.tpl | Address block |
| customer-form.tpl | Customer creation form |
| login-form.tpl | Customer login form |
| my-account-links.tpl | Customer page Back to your account and Home footer links |
| order-detail-no-return.tpl | Order details with no returns allowed on the Guest tracking page |
| order-detail-return.tpl | Order details with returns allowed on the Order history page |
| order-messages.tpl | Order messages on the Order history page |
| **errors** | Templates related to error pages |
| 404.tpl | Not Found error page |
| forbidden.tpl | Forbidden error page |
| maintenance.tpl | Maintenance error page |
| not-found.tpl | Not Found error page content |
| restricted-country.tpl | Restricted Country error page |
| **errors/static** | Static error pages that do not need to be compiled |
| 500.html | Internal Server Error error page |
| 503.html | Service Not Available error page |
| layouts | Templates related to the layout of pages |
| layout-both-columns.tpl | Displays a page with header, footer, left and right columns |
| layout-content-only.tpl | Displays a page with content, but no header, footer, left or right columns |
| layout-error.tpl | Displays an error page with simplified <head> and no left or right columns |
| layout-full-width.tpl | Displays a page with header and footer, but no left or right columns |
| layout-left-column.tpl | Displays a page with header, footer and left column, but no right column |

| Directory/Template | Description |
|---|---|
| layout-right-column.tpl | Displays a page with header, footer and right column, but no left column |

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