

[Shopify Themes](#)[Theme Development](#)[Theme requirements for Shopify's Theme Store](#)[Liquid file requirements for the...](#)

Liquid file requirements for themes submitted to Shopify's Theme Store

If your [theme designs](#) have been approved for further development by Shopify's Themes team, and you're ready to start coding, follow this checklist of template-level requirements. This is the same checklist that Shopify's Themes team will use to review your theme.

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General theme requirements

- Layout must be responsive.
- All RTE-generated content is consistent (`h1` - `h5` , `blockquote` , `ul` , `ol` , etc.) across all templates.
- Layout works in IE8+, and latest versions of Safari, Firefox, and Chrome.
- Theme must have at least one demo shop for each preset.
- Demo shops must use the latest version of the theme.
- Theme must use Shopify's option selection script: `{{ 'option_selection.js' | shopify_asset_url | script_tag }}`.
- Assets must link using protocol independent URLs.
- Theme must include `{{ powered_by_link }}` with no redirects.
- Theme must support variant images. [Learn more](#) >
- Theme must support Internationalization. [Learn more](#) >

Checkout pages

- Styled via a `checkout.css.liquid` file.
- Uses same logo that is uploaded through Theme Settings.
- Uses same background image that is uploaded through Theme Settings.

SEO

- Theme must contain the code snippet for Title, Meta Description, Duplicate Content from the [SEO for Theme Designers](#) article. [Learn more](#) >

- Heading tags are used in a way that makes sense for SEO.

Recommendations

- Theme contains multiple presets (maximum of three).
- Uses tags for dropdowns for the Main Menu link list.
- Ability to sort the products inside collections. [Learn more](#) ›

Template file requirements

- `index.liquid`
- `product.liquid`
- `collection.liquid`
- `cart.liquid`
- `blog.liquid`
- `article.liquid`
- `page.liquid`
- `list_collections.liquid`
- `search.liquid`
- `404.liquid`
- `gift_cards.liquid`
- `customers/account.liquid`
- `customers/activate.liquid`
- `customers/addresses.liquid`
- `customers/login.liquid`
- `customers/order.liquid`
- `customers/register.liquid`
- `customers/reset_password.liquid`
- `password.liquid`
- `settings_schema.json`
- `theme.liquid` (layout file)

index.liquid

The `index.liquid` template of your theme must meet the following conditions:

- Feature a product collection in a grid or list view, selected through the Customize theme page
- Feature a specific Page, Collection, or Blog, selected through the Customize theme page
- Promotional/marketing images that can be uploaded through the Customize theme page
- If you're including a slideshow on the homepage, ensure that the following requirements are met:
 - Slideshow be disabled without causing any Liquid or Javascript errors
 - Each slide must have checkbox for enabling/disabling it

- Recommended dimensions of the slides can be found inside the Customize theme page
- data-max-width data attribute is used for each slide input in the Customize theme page
- Layout does not break when slides are a different height
- Slides can point to a page, and the links are editable through the Customize theme page

product.liquid

The `product.liquid` template of your theme must meet the following conditions:

- Product information
 - Non-truncated title
 - Price
 - Description
- Featured image is prominent
- Secondary images of product, shown as thumbnails
 - Different image ratios should not break the layout
 - Enlargeable via Lightbox or zooming
- Variant images must be shown when the associated variant is selected
- Buying functions
 - Dropdowns for options and variants
 - Add to cart button (often disabled or replaced when a sold out variant is selected)
- Social buttons for Twitter, Facebook, Pinterest, and Google+
- Use [Product Options](#) to split up multiple options into multiple drop downs
 - Callback function to update the price, Compare At price and Sold Out messages of the currently-selected variant
- Choose [first available variant](#) on page load
- Output [image.alt](#) for all product images
- Include Google's rich [product snippets](#)

collection.liquid

The `collection.liquid` template of your theme must meet the following conditions:

- Attributes of the `collection` variable are output properly, including:
 - `collection.title` (not truncated)
 - `collection.description`
 - `collection.image`
- Products are listed in a grid or list, with the following attributes of the `product` variable output:
 - `product.title` (not truncated and links to product.url)
 - `product.price`
 - `product.image`
- Product grid must not break even with product images of varying aspect ratios
- Sale badge or `product.compare_at_price_max` is shown when appropriate
- Drop down or links for filtering a collection by product tags ([tutorial](#))

- Display a proper message if a collection has no products in it
- If a product has variants with different prices, use `product.price_varies` to show price variation
 - Ex: from `product.price_min` to `product.price_max`
- Use proper [pagination](#)

cart.liquid

The `cart.liquid` template of your theme must meet the following conditions:

- Table displaying attributes of the `line_item` variable, including:
 - `line_item.title`
 - `line_item.image`
 - `line_item.price`
 - `line_item.quantity`
- `cart.total_price` is visible
- Checkout button that submits the cart form
- Total updates properly when quantity is updated
- Ability to change quantity of line items
 - Quantity input for each line item

blog.liquid

The `blog.liquid` template of your theme must meet the following conditions:

- `blog.title` is shown clearly
- `blog.tags` is listed and act as links to filter the blog
 - Clearly display the tag that is currently being used to filter
- Each `article` displays the following information:
 - `article.date`
 - `article.author`
 - `article.tags`
 - `article.comments`
- Link to the blog's [RSS feed](#)
- Use `{{ article.excerpt_or_content }}` over `{{ article.content }}`
- [Pagination](#) works properly

article.liquid

The `article.liquid` template of your theme must meet the following conditions:

- `article` displays the following information:
 - `article.date`
 - `article.author`
 - `article.tags`
 - `article.comments`

- Links to navigate to the next or previous article, using `blog.previous_article` and `blog.next_article`
- Comments are [paginated](#)
- `article.published_at` is used (not `article.created_at`)
- Comments workflow works with and without moderation, and all success/error messages are properly output

page.liquid

The `page.liquid` template of your theme must meet the following conditions:

- Styling of RTE content is consistent with those of blog articles, product descriptions, and collection descriptions
- Includes an alternate template for a [contact form](#)

list-collections.liquid

The `list-collections.liquid` template of your theme must meet the following condition:

- If a collection image does not exist, load the featured image of the first product in that collection instead

search.liquid

The `search.liquid` template of your theme must meet the following conditions:

- Search results are paginated properly
- Output a proper message if there are no search results

404.liquid

The `404.liquid` template of your theme must meet the following conditions:

- Clear message stating that the page was not found
- Options on how to proceed (for example: search bar, link to homepage, etc.)

gift_card.liquid

The `gift_card.liquid` template is required, and must be able to support [translations](#). You must include one in your submission to the Theme Store.

customers/account.liquid

The `customers/account.liquid` template of your theme must meet the following conditions:

- Display the customer's recent orders
- Display the customer's default address
- Include a link to the [address](#) page
- Customer orders are paginated

customers/activate_account.liquid

The `customers/activate_account.liquid` template of your theme must meet the following conditions:

- Activate account form submits properly
- Error messages are output properly

customers/addresses.liquid

The customers/addresses.liquid template of your theme must meet the following conditions:

- Customer addresses are paginated
- User can create new addresses
- User can delete/edit existing addresses
- Error messages are output properly

customers/login.liquid

The customers/login.liquid template of your theme must meet the following conditions:

- Includes the password recovery form

customers/order.liquid

The customers/order.liquid template of your theme must meet the following conditions:

- Show both the billing and shipping addresses of the order
- Include a table that lists the `line_items` of the order. The table should show:
 - `line_item.title`
 - `line_item.title` links to the product
 - `line_item.price`
 - `line_item.line_price`
- Subtotal of the order
- Any discounts applied to the order
- Total amount of the order

customers/register.liquid

The customers/register.liquid template of your theme must meet the following conditions:

- Error messages are output properly

customers/reset.liquid

The customers/reset_password.liquid template of your theme must meet the following condition:

- Error messages are output properly

password.liquid

The password.liquid template must:

- use your theme's fonts and colors

- output error messages properly.

The password page must include:

- the store's logo or, if the logo has been disabled from the **Customize theme** page, the store's name
- all of the content must be [internationalized](#)
- a password login form and an admin login link (see [default password.liquid template](#) Shopify creates)
- Password message text (see [setting a message for your visitors](#))
- a customer sign-up form with `prospect` and `password_page` tags (Shopify will assist you in marketing to customers created with these tags)
- a footer that reads *This shop will be powered by Shopify*, where the word *Shopify* links to www.shopify.com
- Optional:** social sharing links where the shared URL is the store homepage URL, not the password page
- Optional:** a background image with name `password-page-background.jpg`.

settings_schema.json

The `settings_schema.json` file of your theme controls the customization options available to merchants on the **Customize theme** page. The `settings_schema.json` file must meet the following conditions:

- Theme customizations on the **Customize theme** page should not be overwhelming or tedious
- Must not include a setting to remove `{{ powered_by_link }}`
- Logo upload must work with images of different aspect ratios (for example, landscape vs. portrait)
- Logo image must be named `logo.png`
- Include settings for social icons. Customers must be able to enter the URL of their social pages, and the URL must be applied to their respective icons
- Settings to change fonts for headings and regular text
- All `type: 'image'` settings must have an `id` that ends with `.jpg`, `.png`, `.gif`, or `.ico`
- All settings must have a `label`
- Must have `theme_info` section, logo is optional

theme.liquid (layout file)

The `theme.liquid` template of your theme must meet the following conditions:

- Logo or `shop.name` is in the header and links to the homepage
- Main navigation is present and uses the default "Main Menu" link list
- Main navigation has active and hover styles defined as necessary. Focus states are required
- Footer navigation is present and uses the default "Footer" link list
- Uses matching link lists to [\[create drop-down menus\]\(/manual/your-website/navigation/create-drop-down-menu\)](#) in the Main Menu
- Links to [log in](#) and [register](#) links for Customer Accounts are present
 - If customer is logged in, switch the link to point to the [account page](#)
- Search box or link to [search](#) page in the header or footer
- Logos for methods of payment are displayed, using the `shop.enabled_payment_types` variable
- Includes social icons in the header or footer
- Must dynamically output proper SEO code for title, meta description, duplicate content, etc. See [\[SEO for theme designers\]\(/themes/theme-development/getting-started/search-engine-optimization\)](#) for example snippets
- The doctype at the top of the `theme.liquid` file, specifying whether it's transitional or strict, (i.e. `<!DOCTYPE html>`)

Download as PDF

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