
Custom Branding Package CSS Usage in cPanel 11.25.0

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Revision 2

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1. Overview

cPanel 11.25 optimizes the CSS structure of x3 based themes to reduce the load time of each page. This means that a cPanel page's CSS is loaded upon request, rather than loading all of cPanel's CSS at once. This requires a few specific lines of CSS in the following 2 files:

- `index.html`
- `stdheader.html`

The lines required are shown in Example 2, "Required CSS". These lines can be added manually, automatically or with the use of a script provided by cPanel.

1.1. Automatically Update Themes

cPanel includes 4 ways to automatically check custom branding packages for the required CSS. If the required CSS is not found, it will be inserted in the appropriate files. The 4 methods of automatically including the required CSS are:

- Run `/scripts/upcp`
- Upload a theme in WHM
- Upload a branding package in cPanel
- Upload an HTML page using the branding editor

1.2. Updating Themes Using the migrate_branding Utility

cPanel provides the **migrate_branding** utility script which will insert the proper CSS entries for you. To use this utility, log into your server via SSH and execute the following command:

`/usr/local/cpanel/bin/migrate_branding`

This script is capable of accepting 3 input parameters. All of these parameters can take comma separated values. The parameters are:

<code>--themes [theme name(s)]</code>	The theme or themes that correspond to the custom branding package
<code>--users [user(s) affected]</code>	The user or users affected by this change.
<code>--brandingpkgs [package(s)]</code>	The package or packages that contain files that require the CSS links.

Example 1. Using `migrate_branding`

```
# /usr/local/cpanel/bin/migrate_branding --themes x3 --brandingpkgs x,mobile,\
falltheme
..[/usr/local/cpanel/base/frontend/x3/branding/stdheader.html]..Skipping \
/usr/local/cpanel/base/frontend/x3/branding/stdheader.html (nothing to do)
..[/usr/local/cpanel/base/frontend/x3/branding/index.html]..

/usr/local/cpanel/base/frontend/x3/branding/index.html should be updated.

/usr/local/cpanel/base/frontend/x3/branding/index.html updated.
..[/usr/local/cpanel/base/webmail/x3/branding/stdheader.html]..Skipping \
/usr/local/cpanel/base/webmail/x3/branding/stdheader.html (nothing to do)
..[/usr/local/cpanel/base/webmail/x3/branding/index.html]..Skipping \
/usr/local/cpanel/base/webmail/x3/branding/index.html (nothing to do)
Updating root ....
Done updating root.
```



Note

For display purposes long lines are wrapped in the above output.



Note

If you have a reseller account, changes made by this script will only apply to your own account's branding.

If all themes are already updated there is no output from `/usr/local/cpanel/bin/migrate_branding`

1.3. Manually Updating Themes

The relevant entries to add to theme files are shown in Example 2, “Required CSS”. These entries should be added to theme files before loading the Branding Sprite list. See Example 3, “Placement of CSS2 calls”.

Example 2. Required CSS

```
/* css2 */
<cpanel relrawinclude="css2-min/$basefile.css">
<cpanel Branding="include(css2-min/$basefile.css,1,1)">
/* end css2 */
```

Example 3. Placement of CSS2 calls

```
<title><cpanel langprint="cPanelX"></title>
<link rel="shortcut icon" href="<cpanel Branding="file(favicon.ico)">" \
  type="image/x-icon" />
<link rel="stylesheet" type="text/css" href="<cpanel \
  MagicRevision="uri("css/combined_optimized.css")">" />
/* css2 */
<style type="text/css">
<cpanel relrawinclude="css2-min/$basefile.css">
<cpanel Branding="include(css2-min/$basefile.css,1,1)">
</style>
/* end css2 */
<style type="text/css">
<cp Branding::spritelist(.spriteicon_img{text-decoration:none;margin:0 auto;\
  background:url\{leftparenthesis}\%\{rightparenthesis}\}; % ,spriteurl,\
  images::#icon-#{img}{background-position\{colon}0 -#{cssposition}px;\
  width\{colon}\#{width}px;height\{colon}\#{height}px;}:) imgtype=icon,\
  subtype=img,skipgroups=1 ?>
```



Note

Lines in the above output are wrapped for display purposes



Important

The page specific CSS links are required in all custom branding packages you intend to use with cPanel 11.25.