

Cart-Power: WebP Images 1.22

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1. Overview

This add-on improves your CS-Cart online store performance by processing images of products, banners, brand logos, etc. and converting them to the modern WebP format without losing its quality. Generally, images of this quality are up to 25% less in size than original PNG and JPG.

Images are converted on the first page visit and replaced with WebP during the next one. **If the user's browser does not support WebP, then they will see original images.**

1.1 Support

The add-on was developed by Cart-Power, a CS-Cart official partner and developer. If you need any assistance in installing and configuring the add-on or need its modification, please contact us through the [helpdesk](#) customer support system.

1.2 Compatibility

The add-on is compatible with CS-Cart and Multi-Vendor version **4.8.x - 4.13.x**

1.3 Buy Now

The official add-on page:

<https://store.cart-power.com/webp-images.html>

1.4 Release history

CS-Cart/ Multi-Vendor 4.10.1 - 4.13.3

Version 1.22 from 04 Aug 2025

[+] - The ability to transliterate cyrillic characters in WebP image names was added.

[!] - An error could occur when the Watermarks add-on was disabled. Fixed.

Version 1.21 from 08 Sep 2023 ([Docs](#))

[!] - Image thumbnails were not removed when deleting a product. Fixed.

[!] - The CRON start was not recorded in the log. Fixed.

Version 1.20 from 07 Nov 2022 ([Docs](#))

[*] - Minor fix for keeping compatibility with CP: Smart image cropper add-on when CDN is used in the store

Version 1.19 from 05 Oct 2022 ([Docs](#))

[!] - There were issues working with the CP: Smart Image Cropper add-on. Fixed.

Version 1.18 from 18 Jul 2022 ([Docs](#))

[!] - There were issues with client and browser version detection on some mobile devices. Fixed

Version 1.17 from 09 Jun 2022 ([Docs](#))

[!] - Unitheme2: Images were not converted in real time due to a conflict with the default Image Zoom add-on. Fixed.

Version 1.16 from 03 Dec 2021 ([Docs](#))

[+] - Added compatibility with modules CP: Smart Image Cropper v2.6 and CP: Image Optimization v2.5.

[!] - An error message "You can't load WebP images" appeared on the vendor registration form. Fixed.

Version 1.15 from 03 Aug 2021 ([Docs](#))

[*] - The processing time of the database query for removing an image was significantly reduced.

[!] - If there were errors while processing an image in the ImageMagick library, execution of the CRON command stopped. Fixed.

[!] - Watermarked WebP images were not removed. Fixed.

[!] - When generating datafeed files in yml format, images in webp format were used, which is not suitable for this purpose. Fixed.

[!] - Unitheme2: width and height attributes of the images disappear when the add-on was on. Fixed.

Version 1.14 from 06 Jan 2021

[+] - The page with the Webp images generation log was added.

[+] - The ability to clear the Cron logs and Webp images generation log was added.

[+] - The ability to add an image to the list of the ignored images right from the log page was added.

[+] - The ability to delete all images in .webp format from the /images folder was added.

[*] - CS-Cart and Multi-Vendor v. 4.12.1 support was added.

[!] - Images in PDF invoices were not displayed. Fixed.

Version 1.13 from 11 Dec 2020

[!] - In several browsers there were issues displaying the images on the product page if "The big picture" product view was selected and the add-on setting "Use hash in image names" was enabled.

Version 1.12 from 08 Dec 2020

[+] - Yandex browser support was added.

[+] - New setting: Use hash in image names. If it is ON, WebP images are generated with a hash name, before: my-site.jpg, after: 3769401070.webp. If it is OFF, before: my-site.jpg, after: my-site-1.webp

Version 1.11 from 12 Nov 2020

[!] - For images with the same name but different formats (for example 111.png and 111.jpg), the first generated image in webp format was shown in both cases. Fixed.

[!] - Issues displaying original images in browsers not supporting webp format (Safari 5.1, Yandex 14.12, IE 11, UC Browser, Android browser). Fixed.

[!] - YOUPI and UniTheme: Freeze, slow loading of the home page. Fixed.

[-] - Removed the ability to convert images on the frontend side (html4, html5).

Version 1.10 from 19 Oct 2020 ([Docs](#))

[*] - Images in .gif format are excluded from conversion to .webp format.

- [!] - UniTheme2: There were issues with displaying WebP images in Safari browser. Fixed.
- [!] - There were issues with converting images with the text ".jpg" in their names. Fixed.
- [!] - Conflict with the add-on CP:Image optimization associated with the use of the same Shortpixel library. Fixed.

Version 1.9 from 12 Oct 2020

- [!] - The site speed decreased when the add-on version 1.8 was on. Fixed.
- [!] - UniTheme/YOUP! theme: Sometimes the original image was displayed in the image previewer. Fixed.

Version 1.8 from 02 Oct 2020

- [+] - Imagick support was added.
- [+] - The ability to convert images via the third-party service Shortpixel was added.
- [+] - The ability to start conversion by CRON was added.
- [+] - A page with conversion logs by CRON was added.
- [+] - The ability to ignore conversion for certain images was added.
- [+] - Admin privileges were added.
- [*] - Fixed some issues in interaction with the add-ons Lazy Load and Video Gallery.
- [!] - There were issues working with the images with Cyrillic characters in their names. Fixed.
- [!] - Webp images were not generated for images with the extension in uppercase.
- [!] - There was a conflict with the add-ons that use the image.override template. Fixed.
To work correctly, you need the "Cart-Power: Addons Manager" add-on version 1.5 and higher.
- [!] - Email notifications used WebP images. Fixed.

Version 1.7 from 08 May 2020

- [!] - The footer on the 404 page displayed incorrectly. Fixed.
- [!] - When the "Watermarks" add-on was on, not all images were displayed. Fixed.

Version 1.6 from 30 Apr 2020

- [!] - In the Chrome browser on MacOS source images were loaded instead of WebP. Fixed.

Version 1.5 from 23 Apr 2020

- [!] - There were problems displaying some images on iPhones and iPads. Fixed.

Version 1.4 from 17 Apr 2020

- [!] - Server-side image processing did not work correctly in some cases. Fixed.

Version 1.3 from 10 Apr 2020

- [!] - Server-side image processing did not work correctly, on PHP versions below 7.2. Fixed.

Version 1.2 from 09 Apr 2020

- [+] - Ability to choose the image processing mode: server or front-end (html5).

Version 1.1 from 30 Mar 2020

- [!] - In some cases, a js error occurred. Fixed.

Version 1.0 from 18 Mar 2020

CS-Cart/ Multi-Vendor 4.8.1 - 4.9.3

Version 1.6 from 19 Oct 2020

- [*] - Images in .gif format are excluded from conversion to .webp format.
- [!] - UniTheme2: There were issues with displaying WebP images in Safari browser. Fixed.
- [!] - There were issues with converting images with the text ".jpg" in their names. Fixed.
- [!] - Conflict with the add-on CP:Image optimization associated with the use of the same Shortpixel library. Fixed.

Version 1.5 from 12 Oct 2020

- [+] - Imagick support was added.
 - [+] - The ability to convert images via the third-party service Shortpixel was added.
 - [+] - The ability to start conversion by CRON was added.
 - [+] - A page with conversion logs by CRON was added.
 - [+] - The ability to ignore conversion for certain images was added.
 - [+] - Admin privileges were added.
 - [*] - Fixed some issues in interaction with the add-ons Lazy Load and Video Gallery.
 - [!] - There were issues working with the images with Cyrillic characters in their names. Fixed.
 - [!] - Webp images were not generated for images with the extension in uppercase.
 - [!] - There was a conflict with the add-ons that use the image.override template. Fixed.
- To work correctly, you need the "Cart-Power: Addons Manager" add-on version 1.5 and higher.
- [!] - Email notifications used WebP images. Fixed.

Version 1.4 from 08 May 2020

- [!] - The footer on the 404 page displayed incorrectly. Fixed.
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Version 1.3 from 30 Apr 2020

- [!] - In the Chrome browser on MacOS source images were loaded instead of WebP. Fixed.

Version 1.2 from 23 Apr 2020

- [!] - There were problems displaying some images on iPhones and iPads. Fixed.

Version 1.1 from 10 Apr 2020

- [+] - Ability to choose the image processing mode: server or front-end (html5).

Version 1.0 from 30 Mar 2020

2. Add-on Installation

To simplify the installation, configuration, and upgrade of our add-ons, we have developed a special service add-on - Cart-Power Add-ons Manager. [Download the Cart-Power: Add-ons Manager](#) and follow the [installation instructions](#).

Once you install it, you will be able to:

1. [Check the List of the Add-ons Purchased for Your Domain](#)
2. [Install Add-ons](#)
3. [Turn on/off Add-ons](#)
4. [Find the Add-on Docs](#)
5. [Set up Add-ons](#)
6. [Upgrade Add-ons](#)
 - a. [Via Add-on Manager](#)
 - b. [Via the Upgrade Center](#)
 - c. [Manual Upgrade \(Add-on Reinstallation\)](#)
7. [Find out Add-on Version Information](#)
8. [Check the Status of the Upgrade Subscription](#)

If you have any issues installing or activating the add-on, please contact us: sales@cart-power.com

3. Add-on Settings

3.1 General Settings

Go to **Add-ons > Downloaded add-ons > Cart-Power: WebP Images**.

← Cart-Power: WebP Images

General Settings Information

General CRON Shortpixel

WebP quality:

Works only for the case when images converted via GD image library. If you select high quality, WebP size will be close to original image size

Title generation:

Select template for name for generated webp images - hash(long line of digits) or transliterate version of original

Generate when page is rendering:

If it is ON, WebP images are generated and displayed on the first page load. If it is OFF, the original images are shown on the first page load, webp images are generated in the background. Starting from the second page load generated webp images are displayed.

Enable logging of WebP generation:

This will increase the number of queries to the database

Clear logs (days):

Set 0 to not clear logs

Delete all .webp images in images/ folder

General

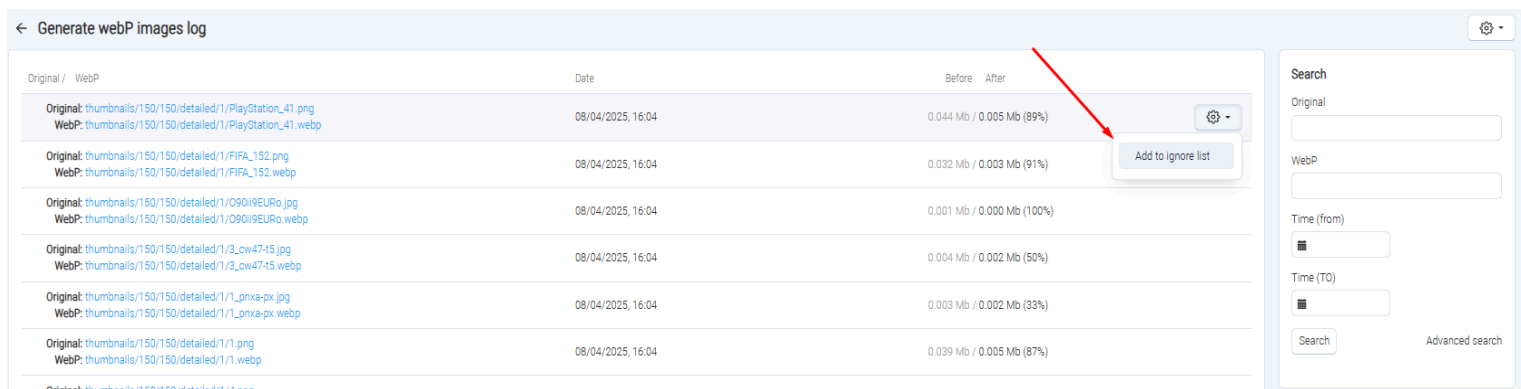
- **WebP quality:**
 - *Low*;
 - *Default* (recommended setting);
 - *High* (If you select high quality, WebP size will be close to original image size).
- **Title generation**
 - *Hash* - activates the generation of a hash in the names of images after their convertation.
 - *Transliteration* - transliterate the original image file name
- **Generate when page is rendering** - If the setting is ON, WebP images are generated and displayed on the first page load. If it is OFF, the original images are shown on the first page load, webp images are generated in the background. Starting from the second page load generated webp images are displayed. This setting is added to avoid too many requests to the server for converting and overloading as a result.

- **Use Shortpixel** - if this setting is active, then the conversion of images will be done through the third-party service called Shortpixel.
- **Shortpixel API key** - enter the API key in this field and use the corresponding link above to verify it.

You can also see here a link to the site where you can get an API key if you don't have one.

3.2 Generate webP images log

Navigate to **Website > Cart-Power: WebP Images > Generate webP images log**.

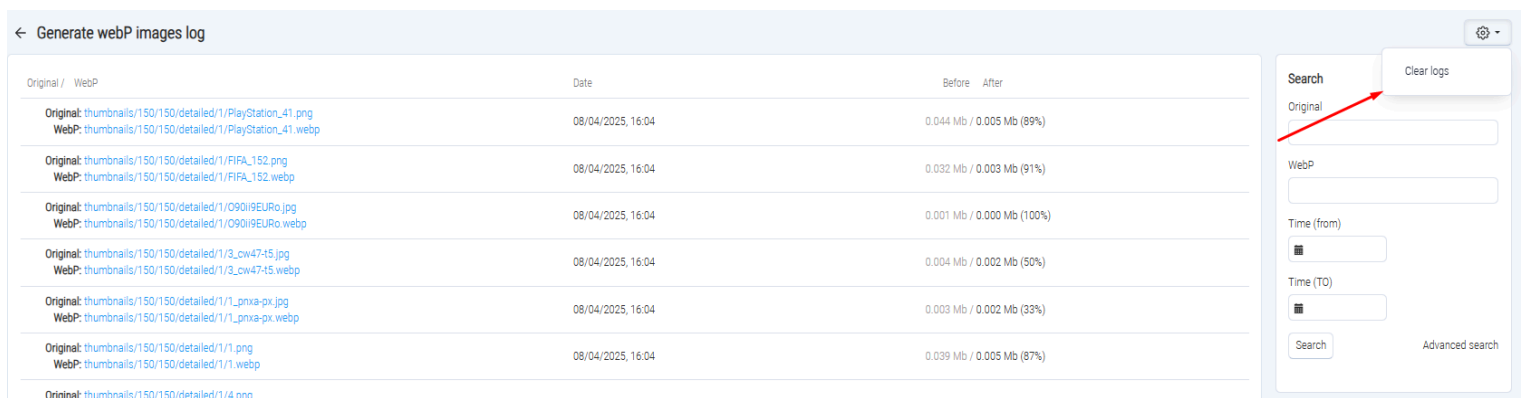


Original / WebP	Date	Before	After
Original: thumbnails/150/150/detailed/1/PlayStation_41.png WebP: thumbnails/150/150/detailed/1/PlayStation_41.webp	08/04/2025, 16:04	0.044 Mb	0.005 Mb (89%)
Original: thumbnails/150/150/detailed/1/FIFA_152.png WebP: thumbnails/150/150/detailed/1/FIFA_152.webp	08/04/2025, 16:04	0.032 Mb	0.003 Mb (91%)
Original: thumbnails/150/150/detailed/1/O90i9EUro.jpg WebP: thumbnails/150/150/detailed/1/O90i9EUro.webp	08/04/2025, 16:04	0.001 Mb	0.000 Mb (100%)
Original: thumbnails/150/150/detailed/1/3_cw47-15.jpg WebP: thumbnails/150/150/detailed/1/3_cw47-15.webp	08/04/2025, 16:04	0.004 Mb	0.002 Mb (50%)
Original: thumbnails/150/150/detailed/1/1_pnxa-px.jpg WebP: thumbnails/150/150/detailed/1/1_pnxa-px.webp	08/04/2025, 16:04	0.003 Mb	0.002 Mb (33%)
Original: thumbnails/150/150/detailed/1/1.png WebP: thumbnails/150/150/detailed/1/1.webp	08/04/2025, 16:04	0.039 Mb	0.005 Mb (87%)

Here is a list of converted images, with a link to both the original image and the result of its processing in the webP format. The table also displays the date and time of conversion, the size of the image before and after the procedure.

You can add any image from this list to the [list of ignored images](#) by clicking on the "gear" button.

To clear the list, you can use the **Clear Logs** command at the top right of the screen:



Original / WebP	Date	Before	After
Original: thumbnails/150/150/detailed/1/PlayStation_41.png WebP: thumbnails/150/150/detailed/1/PlayStation_41.webp	08/04/2025, 16:04	0.044 Mb	0.005 Mb (89%)
Original: thumbnails/150/150/detailed/1/FIFA_152.png WebP: thumbnails/150/150/detailed/1/FIFA_152.webp	08/04/2025, 16:04	0.032 Mb	0.003 Mb (91%)
Original: thumbnails/150/150/detailed/1/O90i9EUro.jpg WebP: thumbnails/150/150/detailed/1/O90i9EUro.webp	08/04/2025, 16:04	0.001 Mb	0.000 Mb (100%)
Original: thumbnails/150/150/detailed/1/3_cw47-15.jpg WebP: thumbnails/150/150/detailed/1/3_cw47-15.webp	08/04/2025, 16:04	0.004 Mb	0.002 Mb (50%)
Original: thumbnails/150/150/detailed/1/1_pnxa-px.jpg WebP: thumbnails/150/150/detailed/1/1_pnxa-px.webp	08/04/2025, 16:04	0.003 Mb	0.002 Mb (33%)
Original: thumbnails/150/150/detailed/1/1.png WebP: thumbnails/150/150/detailed/1/1.webp	08/04/2025, 16:04	0.039 Mb	0.005 Mb (87%)

3.3 Cron Logs

The menu section **Website > Cart-Power: WebP Images > Cron Logs** contains information about images that have been converted according to the CRON schedule (CRON settings).

The screenshot shows the 'Cron Logs' page. At the top, there is a navigation menu with 'Website' selected. Below the menu, the page title is 'Logs page'. The main content is a table with three columns: 'Start time', 'End time', and 'Info'. The table contains one row of data.

Start time	End time	Info
10/16/2020, 15:50	10/16/2020, 15:50	Converted - 10 Errors - 0 Via Shortpixel - 10

3.4 List of Ignored images

Here you can add exceptions - images that will not be converted into webP format.

The screenshot shows the 'List of Ignored images' page. At the top, there is a navigation menu with 'Website' selected. Below the menu, the page title is 'List of Ignored images'. The main content area has an important note: 'IMPORTANT. Enter image relative path. Fox example, for image - "http://yoursite.com/images/detailed/0/test_product.jpg" you should enter this - "detailed/0/test_product.jpg"'. Below this note is a form with a label 'Image: *' and a text input field containing 'detailed/0/test_product.jpg'. There is an 'Add' button below the input field. Below the form, there is a list of ignored images. The first item is 'detailed/0/sdfsdfsfdfd.jpg' with a checkbox and a gear icon. A 'Delete' button is visible at the bottom right of the list.

IMPORTANT. Enter image relative path. Fox example, for image - "http://yoursite.com/images/detailed/0/test_product.jpg" you should enter this - "detailed/0/test_product.jpg"

Image: *

- Image
- detailed/0/sdfsdfsfdfd.jpg

4. Work of the Add-on in CS-Cart Ultimate

You can change the general settings of this add-on separately for each storefront or for all storefronts at once - click a special button to enter a new field value to update in all stores when saving.

For the correct work of the add-on you need to modify the **.htaccess** file:

1. Open the **.htaccess** file located in the root directory of your store.
2. Find the following line:

```
RewriteCond %{REQUEST_URI} \.(png|gif|ico|swf|jpe?g|js|css|ttf|svg|eot|woff|yml|xml)$ [NC,or]
```

3. And add webp format there as follows:

```
RewriteCond %{REQUEST_URI} \.(png|gif|ico|swf|webp|jpe?g|js|css|ttf|svg|eot|woff|yml|xml)$ [NC,or]
```

```
RewriteCond %{REQUEST_URI} \.(png|gif|ico|swf|webp|jpe?g|js|css|ttf|svg|eot|woff|yml|xml)$ [NC,or]
RewriteCond %{REQUEST_URI} store_closed.html$
RewriteCond %{REQUEST_FILENAME} !-f
RewriteCond %{REQUEST_FILENAME} !-d
RewriteRule ^(.*)\/(.*)$ $2 [L]
```

4. Save your changes.

5. Work of the Add-on in Multi-Vendor

General add-on settings, access to logs and the list of ignored images are available only to the main administrator.

6. FAQ

6.1 Are there any restrictions?

- **Safari users will not see WebP images**, because the browser does not support this format. In this case (and for other browsers, not supporting WebP) **source images are shown**.
- Converted WebP images are stored alongside source ones on the server. **Extra free space is required** for the add-on to work.
- The add-on converts only images inside the tag. **No images in HTML blocks will be affected**, i.e. images in product descriptions will stay the same.

6.2 How to check if WebP images are generated?

To check WebP generation, open a product page. Refresh it with cache cleaning (**Ctrl+Shift+R** in Google Chrome) and open a product image in **a new tab**. The image will have a WebP format in the address bar. If you did not select generation when the page is rendering, wait, while images are being converted, and repeat the described procedure.