



USER GUIDE

Version 1.0.0



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1. About Extension

WebP is the next generation image format developed by Google. WebP's unique compression system can display images approximately two thirds the size of their counterparts. Due to the smaller file sizes, pages with WebP images load faster and take less storage space. This **Magento 2 WebP Images extension** by FMEextensions enables you to convert your Magento images to WebP format.

2. Feature List

- Set Quality Level
- Uses multiple image conversion tools
- Option to exclude media folders from conversion
- Add lazy loading attribute to images
- Clear WebP image cache
- Preview Original & WebP image in Popup

2.1 Set Quality Level

With this option, you can set the WebP image conversion quality level. You can set any number between 1 and 100 according to your requirements. To get a good quality WebP image, make sure to add any number above 65.

2.2 Equipped With Multiple Image Conversion Tool

This extension is equipped with multiple conversion tools. You can choose any of the tools according to your requirements. Once you have selected the conversion tool , the extension displays a warning message that if WebP supports the selected conversion tool.

- GD
- CWebP
- Imagick

2.3 Exclude Unnecessary Folders

Store owners can exclude media folders by adding the folder in the backend. The images in excluded folders will not be converted to WebP.



2.4 Add Lazy Loading Attribute to Images

Adding a lazy loading attribute to images is another exciting feature of this extension. With this the product images are only loaded when the page is scrolled down. This improves the page load speed and enhances the user experience.

2.5 Clear WebP Image Cache

Store owners can clear the WebP image cache in a single click from the backend configurations.

2.6 Preview Original Image & WebP Image in Popup

This extension gives you the option to add image ID and test the conversion quality. Store owners can preview the original and converted WebP image in a single popup. This is one of the best options to test the conversion quality before applying to your store images.

3. Setup the Extension

At the backend, go to **FME EXTENSIONS > Configurations**. Here you can find the extension configurations.

3.1 Prerequisites & Information

Now, expand the Prerequisites & Information Tab to check all the requirements.

3.1.1 Library Install

First of all install the library [rosell-dk](#) with the following command

- `composer require rosell-dk/webp-convert`

3.1.2 Catalog Image Resize

Now, Run the following command to avoid any issues with the cached images.

- `catalog:image:resize`

3.1.3 Conversion Tool Support

Now, verify if the listed conversion tools are installed on the server. These tools are mentioned in the backend settings.

3.1.4 Select Conversion Method

Select any of the below methods to convert the images to WebP image format.

- **Through CLI command:** `fme:convert:webp`
- **On Page Load:** When pages are loaded on storefront, images will be automatically converted to WebP format



3.2 Settings

Now, expand the **Settings Tab**, here you can set:

- **Enable:** Enable/Disable the extension
- **Quality Level (1-100):** Enter Quality level according to your requirement.. Using high value (90-100) yields best quality but also bigger size. Don't forget to clear WebP Image cache after changing the quality.

Enable
[store view]

Yes

Quality level (1-100)
[store view]

65

Using high value (90-100) yields best quality but also bigger size.
Please clear WebP Image cache after changing quality.

- **Conversion Tool:** You can use any of the 3 conversion tools.
 - GD
 - CwebP
 - Imagick
- **Conversion Tool Support:** This option will show you if WebP is supported by any of the selected conversion tools

Conversion tool
[store view]

Cwebp

Conversion tool support
[website]

✓ WebP is supported by the selected conversion tool

- **Skip Folders:** Specify folder paths to exclude from WebP Image conversion like example: *media/captcha*. Use comma separated paths for more than one folder.
- **Add Lazy Loading Attribute:** Add loading="lazy" attribute, to load only the required images in the storefront.
- **Clear all Generated WebP Images:** By clicking this button, All WebP images in "media" will be deleted.



FME Extensions

Skip folders
[store view]

example:'media/captcha'. Use comma separation for more than one paths

Add lazy loading attribute
[website]

Yes

Add loading="lazy" attribute, which is supported by some browsers

Clear all generated WebP images

Flush WebP Cache

WARNING : All WebP images in "media" will be deleted!

- **WebP Conversion Test:** Enter any image ID to test the WebP conversion. This will show you the Webp image size & quality along with its counterpart.

WebP conversion test
[store view]

Test WebP Conversion

3.6 Refresh the Cache

- **Refresh the Cache:** System > Cache Management > Select All from Mass Actions > Click Refresh the Cache.