

↳ How to Install Extension

Once you placed the order you will receive link to download extension package in your email box.

You can also download extension package from your MyAccount > My Downloadable Products Section.

Step 1

Extract downloaded extension package in your magento root folder using FTP(File Transfer Protocol) Tools. For verification of root folder you can see some folders inside magento root folder like app,bin,lib,phpserver and vendor etc.

Step 2

Next Need to run some magento commands to install extension in your system , so connect with your server via SSH and go to magento root folder (e.g : cd /var/www/html/magento243) and run below commands one by one.

- php bin/magento setup:upgrade
- php bin/magento setup:static-content:deploy-f
- php bin/magento indexer:reindex
- php bin/magento cache:clean
- php bin/magento cache:flush
- chmod-R 777 var/ pub/ generated/

Step 3

if your all commands run successfully than login to your system Admin Panel and goto Store > Configuration, if you will see new Tab in left side bar with MageCurious Logo it means extension installed successfully.

Hey !! You Installed Extension Successfully Now it's time to Configure Extension.

Extension Title : Convert Images To Webp Format

About the Extension:

Magecurious **Convert Images To Webp Extension** helps to optimize your Magento 2 store's performance by automatically converting standard image formats (JPEG, PNG) to modern WebP format.

- Automatically converts images on product, category, homepage, and CMS pages to WebP for faster loading.
- Provides configurable quality settings and optional lossless compression.
- Includes the ability to exclude specific image paths from conversion.
- Supports real-time conversion during block rendering via a lightweight plugin.
- Improves frontend performance and Core Web Vitals scores by reducing image sizes without sacrificing quality.

Requirements

This module requires the `php-imagick` extension to be installed and enabled on your server.

Installation Instructions

To install the required extension on Ubuntu, run the following commands:

```
```bash  
sudo apt update
sudo apt install php-imagick
```

Then Restart You Server

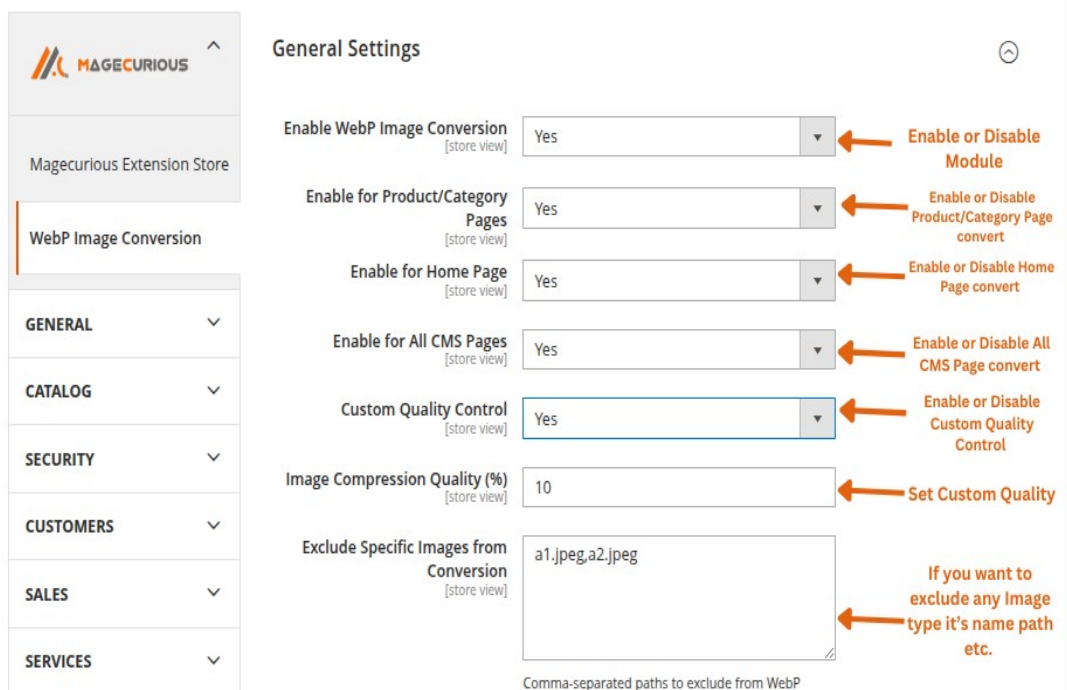
## Features of Magento 2 WebP Image Converter Extension:

- Admin can enable or disable WebP image conversion from the backend configuration.
- Supports automatic conversion of images on product, category, homepage, and CMS pages.
- Provides real-time conversion of <img> tags during block rendering, ensuring optimized images are served without modifying templates.
- Allows configurable image quality (lossless or compression-based) with percentage control.
- Supports excluding specific image paths from conversion using a simple textarea input.
- Fully compatible with Magento 2's caching and rendering system to avoid performance bottlenecks.
- Helps improve website speed, SEO, and user experience by reducing image sizes without noticeable quality loss.

## ↳ How to Configure Extension

### Configuration:

To Configure Extension go to **Stores -> Settings -> Configuration -> MAGECURIOUS -> WebP Image Conversion -> General Settings**



**General Settings**

- Enable WebP Image Conversion [store view] Yes **Enable or Disable Module**
- Enable for Product/Category Pages [store view] Yes **Enable or Disable Product/Category Page convert**
- Enable for Home Page [store view] Yes **Enable or Disable Home Page convert**
- Enable for All CMS Pages [store view] Yes **Enable or Disable All CMS Page convert**
- Custom Quality Control [store view] Yes **Enable or Disable Custom Quality Control**
- Image Compression Quality (%) [store view] 10 **Set Custom Quality**
- Exclude Specific Images from Conversion [store view] a1.jpeg,a2.jpeg **If you want to exclude any Image type it's name path etc.**

Comma-separated paths to exclude from WebP

## Step 1: Configuration:

### Enable WebP Image Conversion:

Set to **Yes** to enable WebP image conversion throughout your store.

- **Enable for Product/Category Pages:**  
Converts all <img> tags to WebP format on product and category pages.
- **Enable for Home Page:**  
Enables WebP image conversion on the homepage.
- **Enable for All CMS Pages:**  
Applies WebP conversion to **all CMS pages**, including "About Us" and "Privacy Policy."
- **Custom Quality Control:**  
Enable to define your own compression quality for WebP images.
- **Image Compression Quality (%):**  
Enter a value (e.g., 80) to control the compression level.  
(Only appears when Custom Quality Control is enabled.)
- **Exclude Specific Images from Conversion:**  
Enter comma-separated paths (e.g., /media/logo.png, /catalog/product/image.jpg) to prevent those images from being converted.

## Step 2: Enable WebP Image Conversion

Go to the configuration section and set the **Enable WebP Image Conversion** field to **Yes**.

### General Settings



Enable WebP Image Conversion  
[store view]



Enable or Disable  
Module

### Step 3: Enable Conversion by Page Type

You can enable or disable WebP conversion for specific areas:

- Product/Category Pages
- Homepage
- All CMS Pages (About Us, Privacy Policy, etc.)

Use the corresponding switches in the admin panel.

#### General Settings



Enable WebP Image Conversion  
[store view]

Enable for Product/Category  
Pages  
[store view]

← Enable or Disable  
Product/Category Page  
convert

Enable for Home Page  
[store view]

← Enable or Disable Home  
Page convert

Enable for All CMS Pages  
[store view]

← Enable or Disable All  
CMS Page convert

## Step 4: Set Compression Quality (Optional)

Enable Custom Quality Control, then define a Compression Quality percentage (e.g., 80%) to control the WebP image size and fidelity.

If left blank, the system will default to 100%.



Custom Quality Control [store view] Yes ← Enable or Disable Custom Quality Control

Image Compression Quality (%) [store view] 10 ← Set Custom Quality

## Step 5: Exclude Specific Images

Use the **Exclude Specific Images from Conversion** textarea to list any images you do **not** want converted.

Paths should be relative to the Magento root (e.g., /media/logo.png).



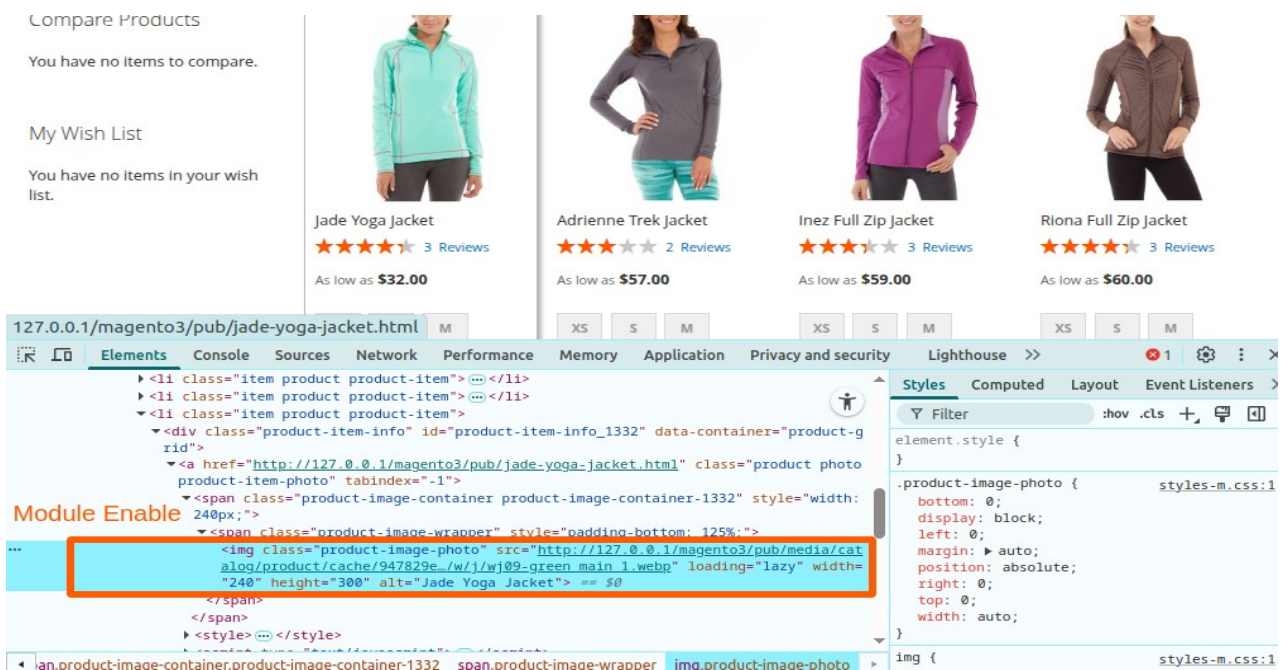
Exclude Specific Images from Conversion [store view] a1.jpeg,a2.jpeg ← If you want to exclude any Image type it's name path etc.

Comma-separated paths to exclude from WebP

## Step 6: Frontend Behavior

When enabled:

- On every enabled page type, all `<img>` tags referencing `.jpg`, `.jpeg`, or `.png` files will automatically be converted to `.webp`.
- Converted files will be saved in the same directory as the original image.
- The original image is replaced with its `.webp` equivalent in the HTML output.



The screenshot shows a product grid with four items:

- Jade Yoga Jacket: As low as \$32.00
- Adrienne Trek Jacket: As low as \$57.00
- Inez Full Zip Jacket: As low as \$59.00
- Riona Full Zip Jacket: As low as \$60.00

The browser developer tool (Chrome DevTools) is open, showing the HTML for the Jade Yoga Jacket. The `<img>` tag is highlighted, showing the updated `src` attribute:

```
 == $0
```

The browser's address bar shows the URL: `127.0.0.1/magento3/pub/jade-yoga-jacket.html`. The developer tool also shows the `product-image-photo` class and the `product-image-photo` style rule.

## **Step 7: CMS Page Support**

If Enable for All CMS Pages is selected, this module will automatically:

- Detect CMS pages (e.g., About Us, Privacy Policy).
- Convert all eligible images dynamically during page rendering.

**Still Have any Doubt's ?**

**No Worries Just Contact Us Using Our Email / Phone**

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Email : [support@magecurious.com](mailto:support@magecurious.com)

**Thank You !!!**