

3D Product View with Color variant Extension for Magento2

Product Specification

The 3D Product View Module for Magento 2 allows merchants to showcase their products in a fully interactive 3D format, enhancing the shopping experience for customers. With this module, customers can rotate, zoom, and inspect products from every angle, providing them with a more detailed understanding of the product's features and design.

Features

Here is a comprehensive list of the features included in the 3D Product View extension:

- **Interactive 3D Viewer:** Display products in a dynamic 3D environment, allowing customers to rotate and zoom for a comprehensive view.
- **Responsive Design:** The 3D viewer is optimized for various screen sizes and devices, ensuring a seamless experience across desktops, tablets, and smartphones.
- **Easy Integration:** Integrate the module seamlessly into your Magento 2 store with simple installation steps.
- **Cross-browser Compatibility:** Compatible with major web browsers, ensuring consistent performance and functionality for all users.
- **Custom Colour Variant:** Allows admin to add custom options with colour variations on the product page. (Please ensure the 3D file has different mesh layers to identify areas for colour changes.)
- **Product Type:** It works only with simple and configurable products.
- **File Type:** It works only with GLB and GLTF files (zip file not support).
- **Multistore:** It also works with the multistore view.

Admin Panel Configuration

Stores -> Configuration -> Pits Configuration -> 3D Product View

General Settings

Enable <small>[store view]</small>	Yes
Button label <small>[store view]</small>	3D View
3D View Background Color <small>[store view]</small>	rgb(187, 187, 187)

Figure 1: Admin panel configuration

Figure 1. displays the admin configurations of the extension, which specifies location or placement of the Product Designer feature.

General Settings

- **Enable** – Enable / Disable module.
- **Button Label** – The text of the button which show on the frontend can be changed here.
- **3D view Background colour**- The default background colour for 3D view popup.

How It Works in Backend

Administrators can add the 3D file in Product Add/Edit page. On this page, there exists a section named '**3D Product View.**' Within this section, an attribute named '**3D Graphic file**' is provided, allowing administrators to add the 3D GLB or GLTF file. Also have attribute for background colour '**3D Image Background Colour**' to change the background colour for a specific product.

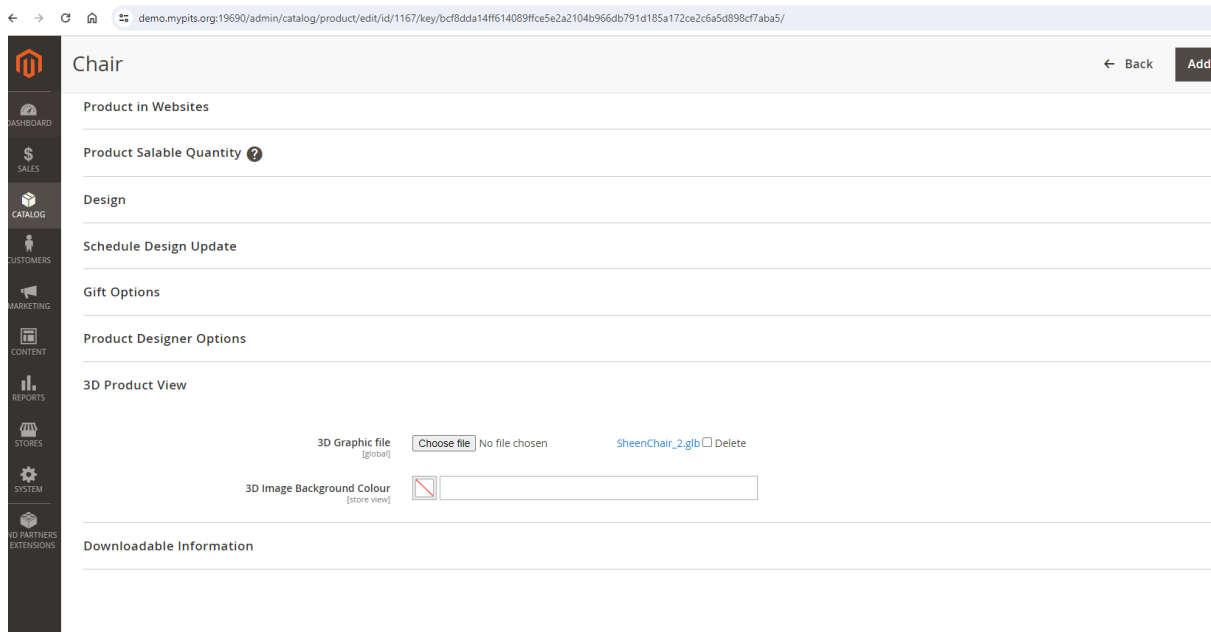


Figure 2 – Product Edit Page with 3D view options

For configurable products, 3D product views can be set at both the parent and variant levels. When 3D files are added to the parent product, they are displayed by default on the product page. If a specific variant (child product) has its own 3D file, that file will be shown instead when the variant is selected. However, if a selected variant does not have a 3D file the 3D view will not be displayed. This setup ensures that the 3D view appears only when available, based on whether it is defined at the parent or variant level.

Custom Colour Variant

Administrators have the functionality to provide colour options for 3D files using custom options. Please ensure the 3D file has different mesh layers to identify areas for colour changes. Once the 3D file is attached, add the custom option with the 'Select' option. Different mesh values will appear as a dropdown, allowing you to choose the mesh value and corresponding colour. Only drop down and radio custom option will work for colour change. Also, please make sure to select only one mesh layer for a given custom option.

Dashboard

Sales

Catalog

Customers

Marketing

Content

Reports

Stores

System

Find Partners & Extensions

Chair with options

Back

Add Attribute

Save

Images And Videos

Search Engine Optimization

Related Products, Up-Sells, and Cross-Sells

Customizable Options

Custom options let customers choose the product variations they want.

Import Options

Add Option

20 per page

< 1 of 1 >

Body

Option Title *

Option Type *

Required

Body

Drop-down

☐

Title *	Price *	Price Type	SKU	Mesh Name	Color
Red	\$ 0.00	Fixed		SheenChair_fabric	rgb(252, 0, 9)
Black	\$ 0.00	Fixed		SheenChair_fabric	rgb(0, 0, 0)

Add Value

20 per page

Figure 3: Add Custom

How It Works in Frontend

When customers visit a product page with 3D file added, they will see a button (Figure 4). Clicking this button opens a popup (Figure 5) where customers can see the 3D product view. Also the selected custom option value will be selected in popup and vice versa.

Chair with options

Be the first to review this product

\$100.00



Body

-- Please Select --

Wood

-- Please Select --

Qty

1

Add to Cart

♥ ADD TO WISH LIST 📊 ADD TO COMPARE



Figure 4: 3D Product View



Figure 5: 3D Product View Popup

Note: This extension supports only simple and configurable products and its child

products. Also, please add the 3D file with coordinates set to (0,0,0) for a better view.

Limitation

- This extension supports only simple and configurable products and its child products (please add the 3D file with coordinates set to (0,0,0) for a better view)
- Also, custom option with multiple mesh layer not support.

Installation Requirements

- Compatible with Magento Open Source (CE): 2.4.4 to 2.4.8

Installation Steps

To install the 3D Product View module, follow the steps below.

1. Download the module.
2. Access your web server directories and unzip and upload the content of the zip file to app/code directory.
3. Run the below commands on terminal
 - `php bin/magento setup:di:compile`
 - `php bin/magento setup:upgrade`
 - `php bin/magento setup:static-content:deploy -f`
 - `php bin/magento cache:clean`

Supported Languages

English, German, Italian

Change Log / Release Notes

Version: 1.0.1: July, 2025

- Compatible with Magento Open Source (CE): 2.4.4 to 2.4.8

Version: 1.0.0: May, 2024

- Initial version

Support

If you have questions, use our contact form in <https://www.webshopextension.com/>
or email to support@webshopextension.com