

Advanced Filterable Gallery

Plugin Documentation

Version 1.0.0

Author: **Bharat Naik** • Requires WordPress 6.0+ • PHP 8.0+ • Elementor tested up to 3.25

For the **Advanced Filterable Gallery Pro** documentation, please refer to **Page 12**.

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1. Overview

Advanced Filterable Gallery is a lightweight, dependency-free (no jQuery) WordPress gallery plugin. It renders responsive, filterable image galleries with a built-in lightbox, and can be added to a page in three ways: an Elementor widget, a Gutenberg block, or a classic shortcode.

1.1 Key Features

- 10 layout styles (grid, masonry, justified, etc.) with configurable column count and gap
- Client-side category filtering and text search
- Built-in lightbox with zoom, keyboard navigation, download and share controls
- AJAX "Load more" and infinite-scroll pagination
- Elementor widget with live editor preview
- Gutenberg block and [advanced_gallery] shortcode for non-Elementor sites
- Global appearance settings (colors, border radius, animation speed, fonts) from the admin settings screen
- Custom Post Type storage for gallery definitions, so a gallery can be reused across multiple pages

1.2 System Requirements

Requirement	Minimum
WordPress	6.0
PHP	8.0
Elementor (optional, for the Elementor widget)	Tested up to 3.25

2. Installation

2.1 Manual Installation

- Download the plugin ZIP file.
- In your WordPress admin, go to Plugins → Add New → Upload Plugin.
- Choose the ZIP file and click Install Now.
- Click Activate once installation finishes.

2.2 FTP Installation

- Unzip the plugin package.

Upload the resulting `advanced-filterable-gallery` folder to `/wp-content/plugins/` on your server.

- Activate the plugin from the Plugins screen in wp-admin.

2.3 After Activation

On activation the plugin registers a custom post type for gallery definitions and seeds default appearance settings (colors, layout, animation speed). No configuration is required to start using the plugin, but visiting Settings → Advanced Filterable Gallery is recommended to set brand colors and default behavior.

3. Creating a Gallery

Galleries are stored as entries of a custom post type (internal slug: `afg_gallery`). Create one from the WordPress admin menu "Galleries" → Add New, upload or select images from the Media Library, arrange their order, and optionally assign categories for filtering. Publish the gallery once finished.

Once a gallery is published, it can be inserted into any page using any of the three methods below.

3.1 Elementor Widget

- Edit a page with Elementor.
- Search for "Advanced Gallery" in the widget panel and drag it onto the page.
- Select the gallery to display from the widget's Content tab.
- Adjust layout, columns, gap, hover effect, filter bar, and lightbox options in the Style and Advanced tabs.

The widget renders a live, fully interactive preview inside the Elementor editor.

3.2 Gutenberg Block

- In the block editor, add the "Advanced Gallery" block.
- Choose a gallery from the block's Inspector panel.

3.3 Shortcode

The shortcode gives the most granular per-instance control and can be used in classic-editor content, widgets, or template files.

```
[advanced_gallery id="123"]
```

Full parameter reference:

Attribute	Type	Description
id	int	Required. The gallery post ID to display.
layout	string	Layout key, e.g. grid, masonry, justified. Defaults to the global setting.
columns	int	Number of columns at desktop width.
gap	int	Grid gap in pixels.
filter	1 / 0	Show or hide the category filter bar.
popup	1 / 0	Enable or disable the lightbox on click.
hover	string	Hover effect key, e.g. zoom, fade, slide.
category	string	Restrict output to one or more category slugs.
limit	int	Maximum number of images to display.
orderby	string	menu, date, title, or rand.
animation	string	Entrance animation key, e.g. fade, scale.
per_page	int	Images per page when pagination is active.
load_mode	string	button (Load More) or infinite (infinite scroll).
search	1 / 0	Show or hide the text search box.

Example with several parameters:

```
[advanced_gallery id="123" layout="masonry" columns="3" filter="1" hover="zoom" load_mode="infinite"]
```

4. Step-by-Step Setup Guide (Visual Walkthrough)

This section walks through the full process of creating a gallery in wp-admin and placing it on a page with the Elementor widget, screen by screen.

4.1 Create a New Gallery

In wp-admin, open the AFG Gallery menu → Add New. Enter a Title for the gallery (this is for admin reference only and is not shown on the frontend).

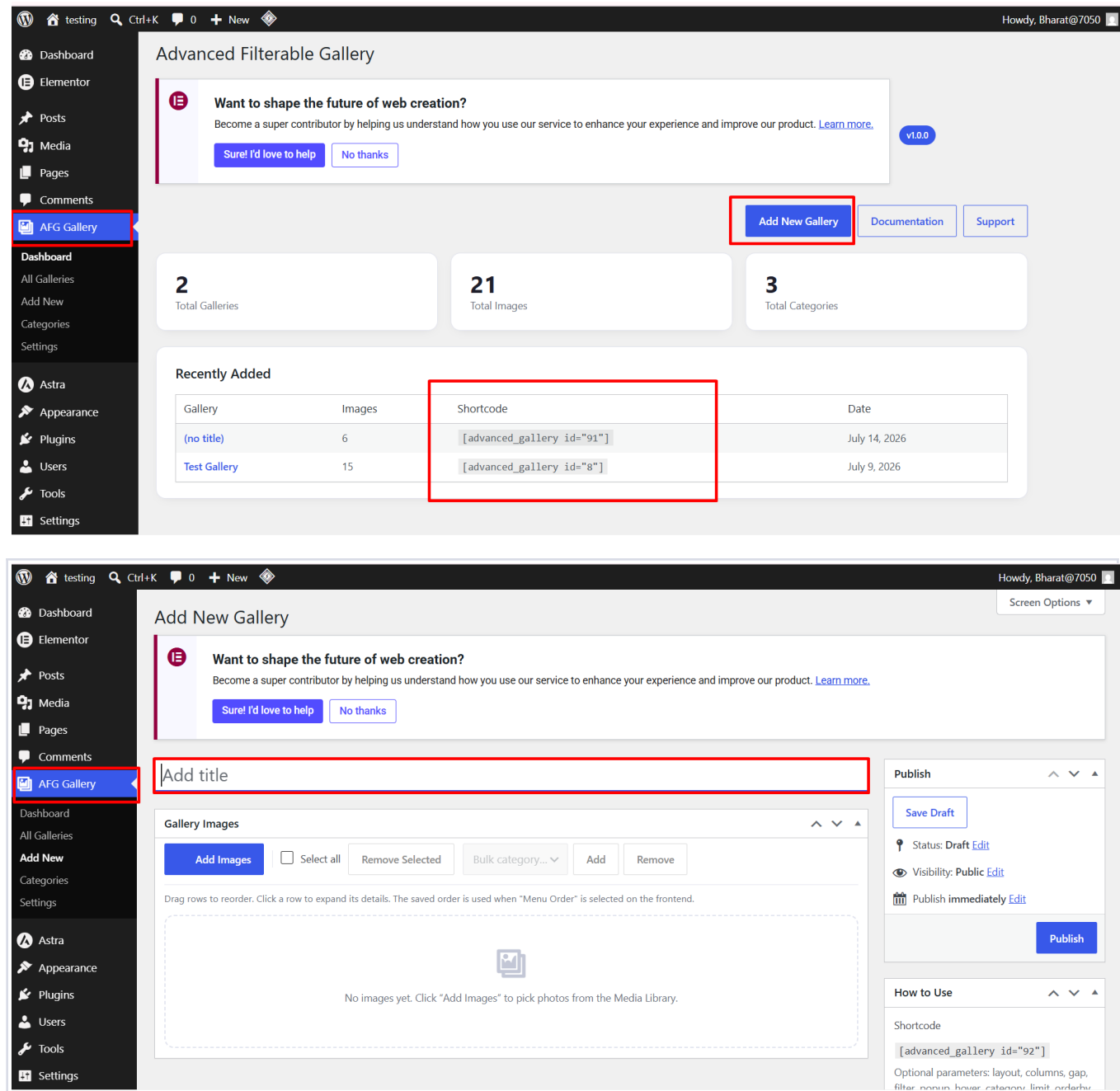


Fig. 1 — AFG Gallery → Add New, with the title field highlighted.

4.2 Add Categories (optional)

If you want a filterable gallery, create categories under AFG Gallery → Categories before or while adding images (e.g. Animals, Flowers, Nature). Each category shows an item count in the list.

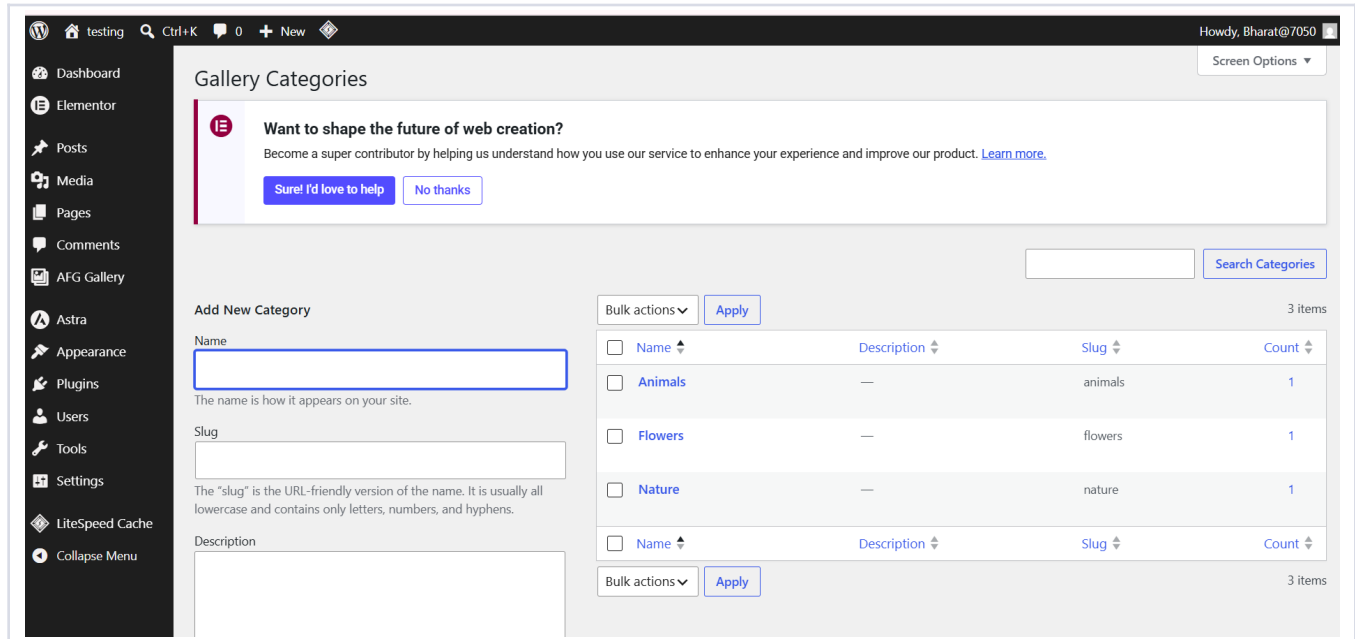


Fig. 2 — AFG Gallery → Categories, showing three example categories.

4.3 Add Images and Assign Categories

Back on the gallery edit screen, click Add Images to pick photos from the Media Library. Each image row expands to set its Title, Description, Alt Text, an optional Button Link, and one or more Categories. The "How to Use" panel on the right always shows the exact shortcode for this gallery, including its ID and the full list of optional shortcode parameters.

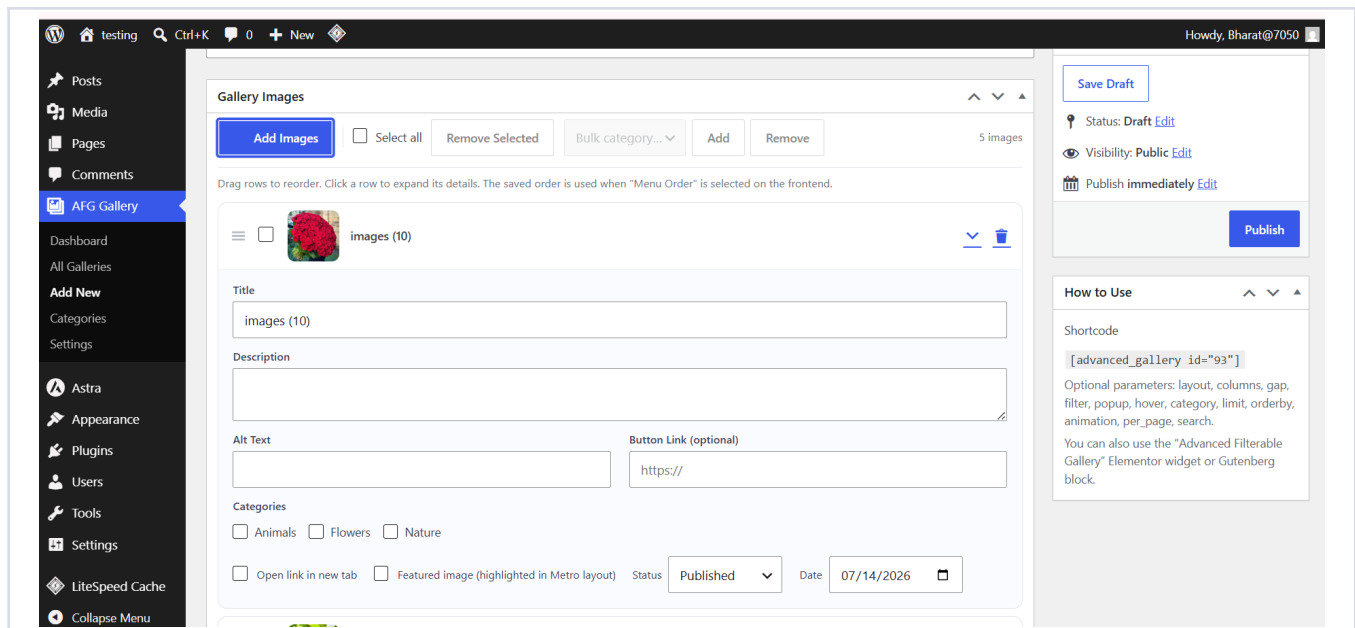


Fig. 3 — Per-image fields and the auto-generated shortcode, e.g. [advanced_gallery id="91"].

Publish the gallery once your images and categories are set.

4.4 Add the Elementor Widget

Edit the target page with Elementor. In the widget panel, expand the "Advanced Filterable Gallery" category and drag the Advanced Filterable Gallery widget onto the page.

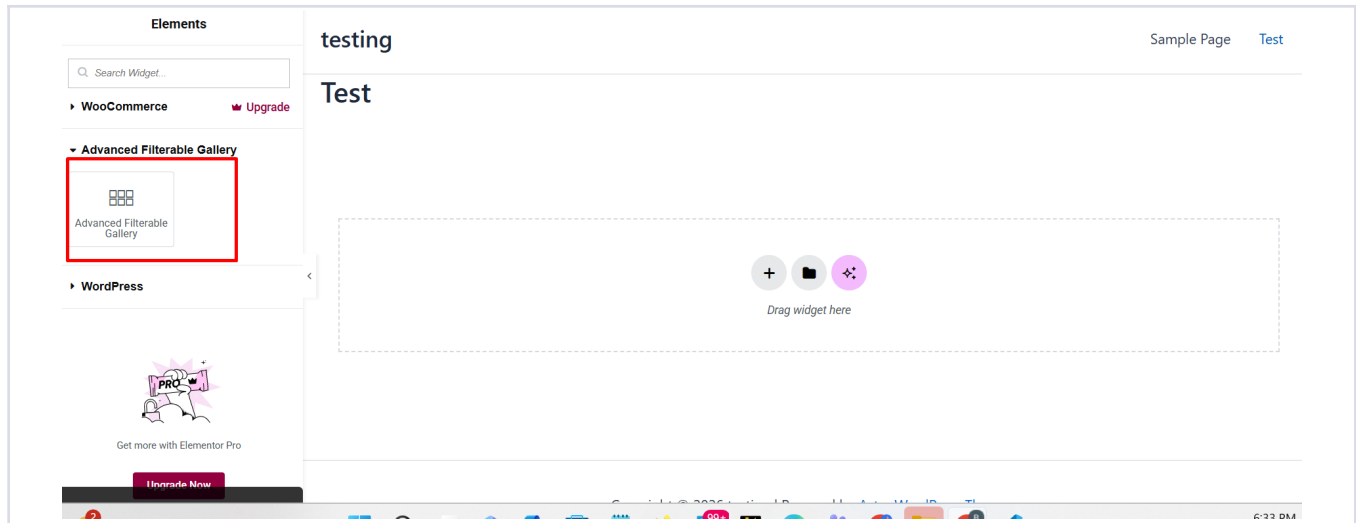


Fig. 4 — The Advanced Filterable Gallery widget in Elementor's widget panel.

4.5 Choose a Gallery

Immediately after dropping the widget, it shows a placeholder notice until a gallery is selected. This is expected — it is not an error state, just a reminder to pick a gallery in the Content tab's Choose Gallery dropdown.

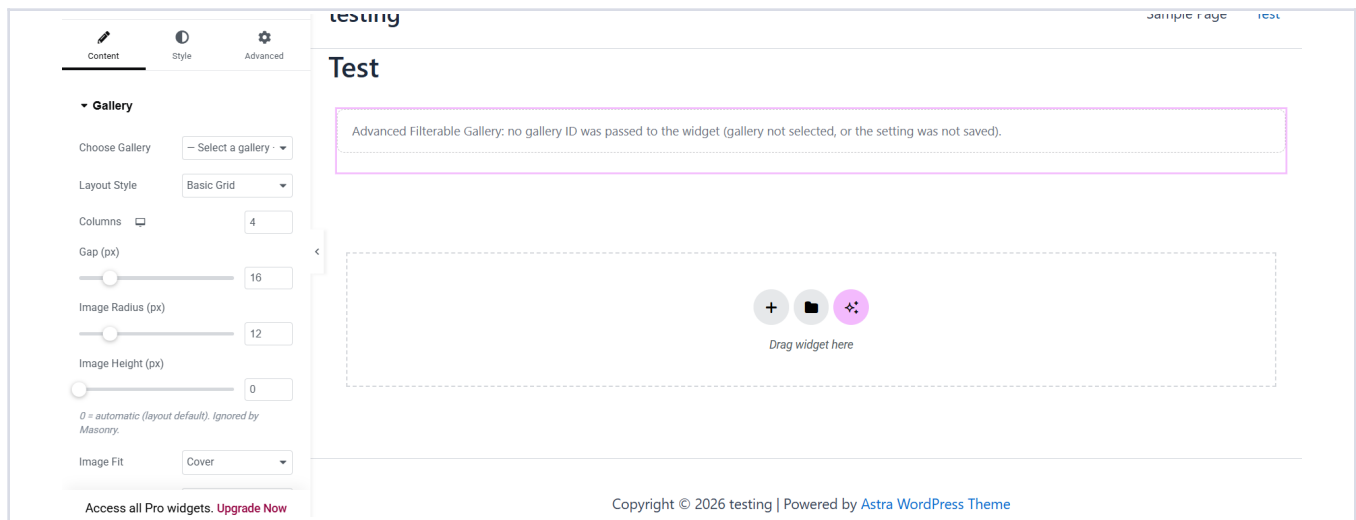


Fig. 5 — Placeholder shown when no gallery has been selected yet.

4.6 Content Tab: Gallery, Filter Bar, Behaviour

Once a gallery is selected, the editor renders a live preview immediately. The Content tab is organized into three collapsible sections: Gallery (layout, columns, gap, image radius/height/fit), Filter Bar, and Behaviour.

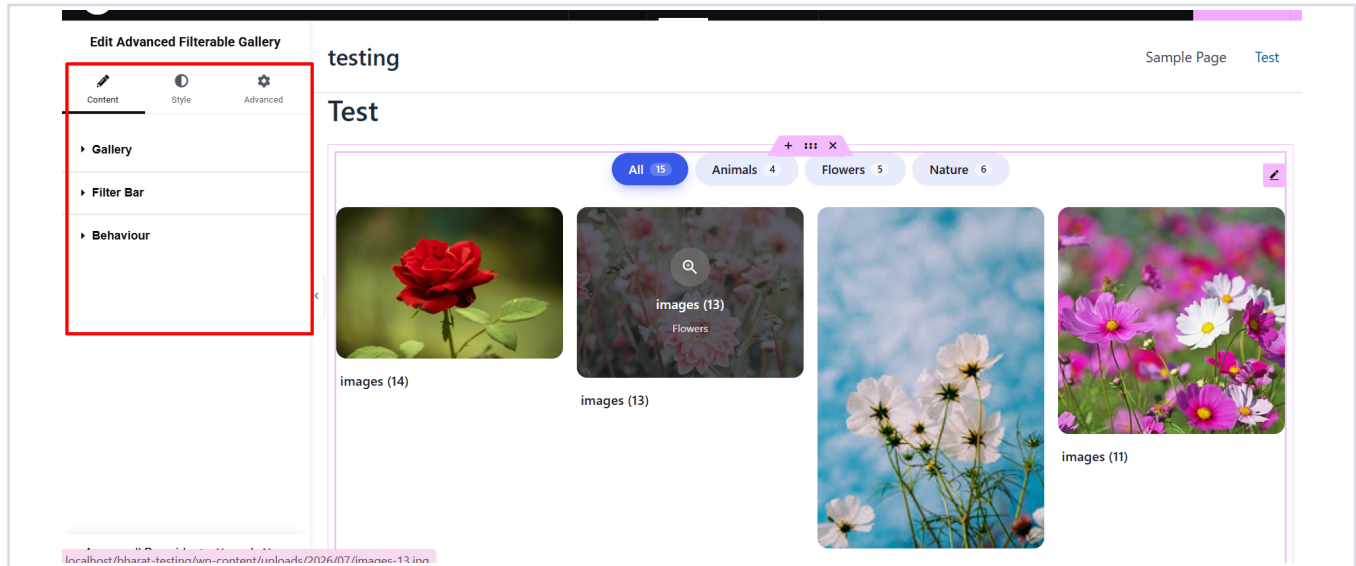


Fig. 6 — Live preview with the Gallery / Filter Bar / Behaviour accordion sections.

4.7 Configure the Filter Bar

Expand Filter Bar to toggle the category filter pills on or off, choose a Filter Style (e.g. Pills), set alignment, show/hide the per-category item counter, and optionally enable a text Search Box.

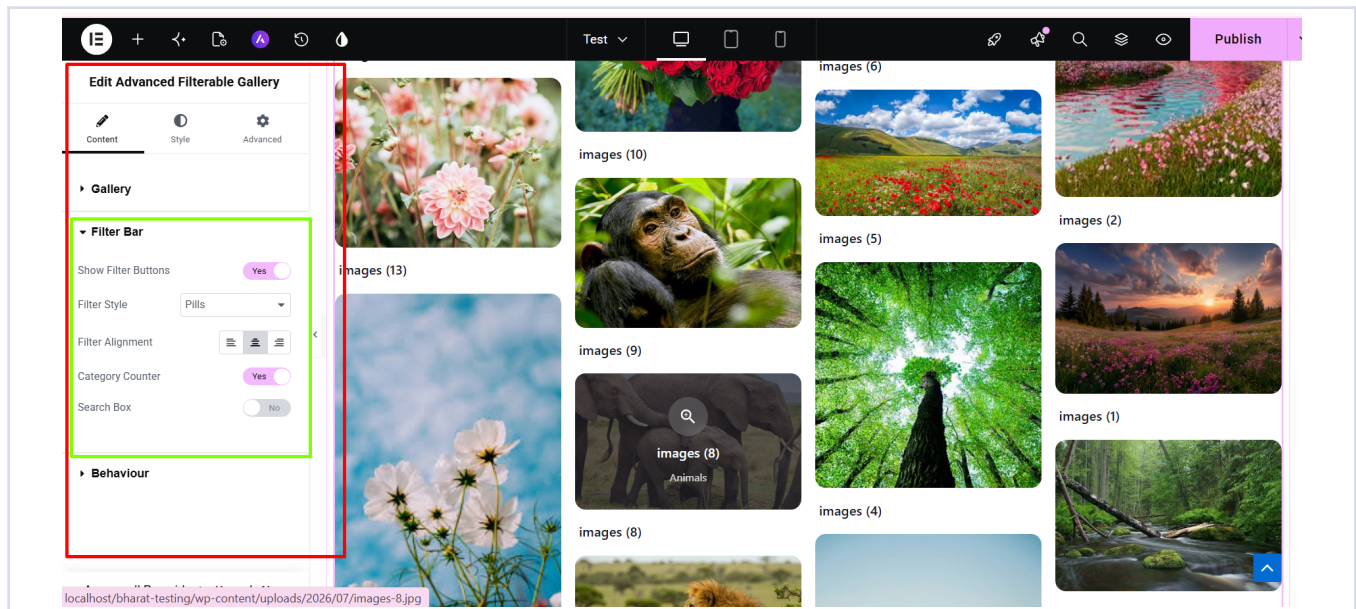


Fig. 7 — Filter Bar controls: style, alignment, category counter, and search box.

4.8 Configure Behaviour

Expand Behaviour to control the lightbox, hover effect, entrance animation, lazy loading, pagination (Images Per Page), and which metadata (title, description, category, caption) is shown.

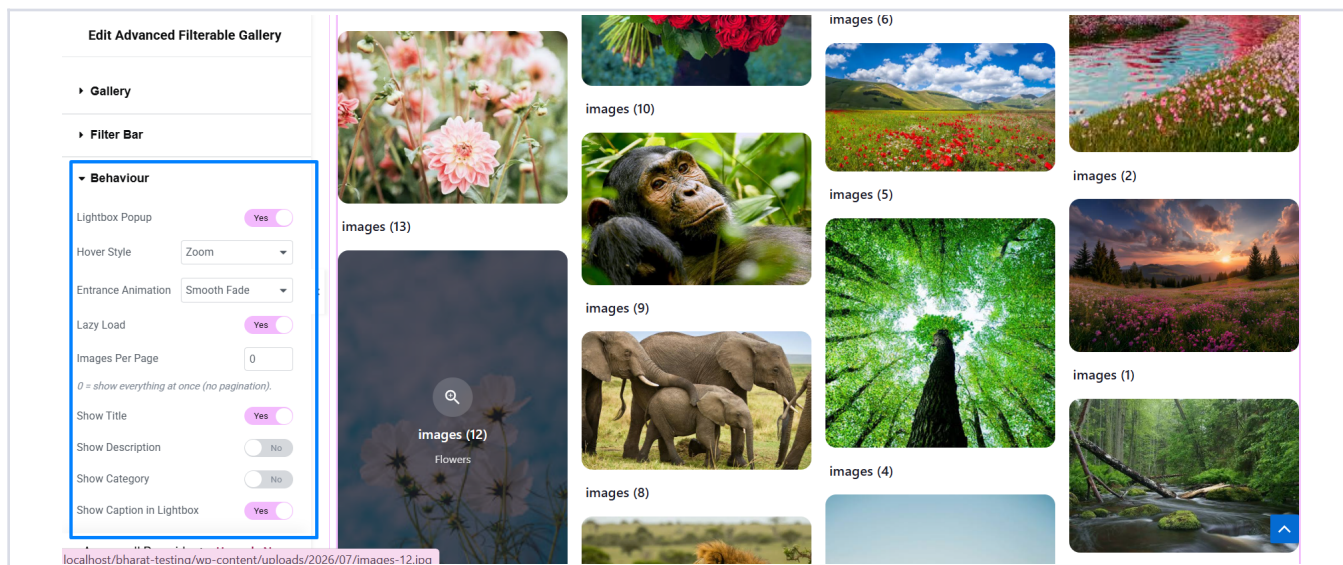


Fig. 8 — Behaviour controls, including Entrance Animation and Lazy Load.

Tip: If the gallery appears completely blank on the frontend even though it shows correctly in the editor, check the **Entrance Animation** setting in this Behaviour panel first. Setting it to **None** makes the gallery visible immediately. This points to the entrance-animation transition (opacity/transform) not resolving to its visible end state on that particular page/theme — see the Troubleshooting section for more detail.

5. Global Settings

Found under Settings → Advanced Filterable Gallery. These act as defaults for every gallery instance and can be overridden per-instance via the Elementor widget controls or shortcode attributes.

Setting	Default	Description
Default Layout	grid	Layout used when a gallery/shortcode doesn't specify one.
Default Columns	4	Column count at desktop width.
Lazy Load	On	Adds native loading="lazy" to gallery images.
Popup (Lightbox)	On	Enables the built-in lightbox by default.
Image Size	large	Registered WordPress image size used for full lightbox view.
Thumbnail Size	medium_large	Registered WordPress image size used for grid thumbnails.
Animation Speed	400ms	Duration of hover/entrance/lightbox transitions.
Border Radius	12px	Corner radius applied to gallery items.
Default Hover Effect	zoom	Hover interaction applied to grid items.

Setting	Default	Description
Primary / Secondary Color	#3858e9 / #1e1e2a	Brand colors used throughout the gallery and lightbox UI.
Font Family	(theme default)	Optional custom font override.
Show Counter	On	Displays an "image X of N" counter in the lightbox.
Download Button	Off	Adds a download-image button to the lightbox.
Share Button	On	Adds a copy-link button to the lightbox.
Delete Data on Uninstall	Off	When enabled, removes all gallery posts and settings when the plugin is deleted.

6. Plugin Architecture

The codebase follows a simple class-per-responsibility structure. All classes are prefixed AFG_ and autoloaded from includes/class-afg-plugin.php on the plugins_loaded hook.

File	Responsibility
advanced-filterable-gallery.php	Plugin bootstrap: constants, activation/deactivation hooks, loads includes/class-afg-plugin.php.
includes/class-afg-plugin.php	Central bootstrap that instantiates every other class on plugins_loaded.
includes/class-afg-post-types.php	Registers the afg_gallery custom post type used to store gallery definitions.
includes/class-afg-settings.php	Reads/writes the afg_settings option; defines and merges default settings.
includes/class-afg-render.php	Core rendering logic shared by the widget, block, and shortcode: builds gallery markup from a gallery ID and an args array.
includes/class-afg-assets.php	Registers and enqueues the public CSS/JS bundle (afg-public.css / afg-public.js) and localizes JS-side settings via AFG_DATA.
includes/class-afg-shortcode.php	Registers [advanced_gallery] and maps shortcode attributes onto AFG_Render::render().
includes/class-afg-block.php	Registers the Gutenberg block variant.
includes/class-afg-ajax.php	Handles AJAX endpoints for filtering, search, and Load More / infinite scroll pagination.
elementor/class-afg-elementor.php	Registers the Elementor widget category and forces editor-only asset loading.
elementor/class-afg-elementor-widget.php	The Elementor widget: defines all Content/Style/Advanced controls and calls AFG_Render::render() for output.
templates/gallery.php	The HTML template for a single gallery instance (grid wrapper, filter bar, items, lightbox root).

File	Responsibility
assets/css/afg-public.css	All public-facing styles: grid/masonry layouts, hover effects, lightbox, animations.
assets/js/afg-public.js	Vanilla-JS Gallery and Lightbox behavior: filtering, search, pagination, keyboard nav, zoom.
admin/class-afg-admin.php	Admin menu, settings screen, and settings field rendering.
admin/class-afg-meta-box.php	Meta boxes on the gallery post-edit screen (image selection/ordering, category assignment).
admin/class-afg-tools.php	Import/export and misc admin utilities.
uninstall.php	Cleans up options/post data on uninstall, respecting the "Delete Data on Uninstall" setting.

6.1 Rendering Flow

- Widget/block/shortcode collects instance-level args (layout, columns, filters, etc.).
- `AFG_Render::render()` loads the gallery post, merges instance args over `AFG_Settings::all()` defaults, and outputs `templates/gallery.php`.
- The template renders a wrapper `<div data-afg>` containing the grid markup and a base64-encoded, `esc_attr()`-safe JSON blob of resolved arguments.
- On the frontend, `assets/js/afg-public.js` scans the page for `[data-afg]` elements and instantiates a Gallery object per instance, wiring up filtering, search, pagination, and the lightbox.

7. Developer Reference

7.1 AJAX Endpoints

Registered in `includes/class-afg-ajax.php` via `wp_ajax_` and `wp_ajax_nopriv_` hooks, secured with a nonce (`afg_public`) localized to the frontend script as `AFG_DATA.nonce`.

Action	Purpose
<code>afg_filter</code>	Server-assisted category/search filtering for large galleries.
<code>afg_load_more</code>	Fetches the next page of images for Load More / infinite scroll.

7.2 Front-end Data Object

The localized `AFG_DATA` object (see `includes/class-afg-assets.php`) exposes:

- `ajaxUrl` – `admin-ajax.php` URL
- `nonce` – AJAX security nonce
- `speed`, `counter`, `download`, `share` – global setting values used by the lightbox
- `i18n` – translated strings for all UI labels (Close, Next, Download, etc.)

7.3 Key CSS Classes

Class	Purpose
.afg-grid	Grid/masonry container; layout driven by CSS variables (--afg-cols, etc.).
.afg-item	A single gallery tile.
.afg-img	The element inside a tile.
.afg-js	Added to <html> by the script once JS has loaded; scopes entrance-animation opacity rules so content is never hidden if JS fails to run.
.afg-lb	The lightbox overlay, appended to <body>.
.afg-lb.is-open / .is-zoomed	State classes toggled during lightbox open and image zoom.

8. Troubleshooting

Gallery is completely blank on the front end

Quick fix: open the widget's Behaviour panel and set **Entrance Animation** to **None**. The gallery becomes visible immediately. This is the fastest thing to check first — the entrance-animation CSS hides items by default until the reveal transition runs, so on pages/themes where that transition doesn't complete, items can stay invisible indefinitely.

If items are still not visible with the animation set to None, or the gallery renders unstyled rather than invisible, check asset loading next.

Gallery looks unstyled or unstyled+missing on the front end

Make sure you are on version 1.0.0 or later of this build. Earlier internal builds enqueued the stylesheet too late for it to be printed on the front end (a WordPress asset-timing issue), which made Elementor-rendered galleries appear unstyled or missing outside the editor. Clearing any full-page cache after updating resolves lingering copies of the old markup.

Zoom cursor stays active in the Elementor editor after closing the lightbox

Fixed by an added CSS rule (.afg-lb[hidden]) that ensures the lightbox overlay is fully removed from layout when closed, instead of remaining as an invisible, click-intercepting layer. If you still see this after updating, do a hard refresh of the Elementor editor tab to clear cached CSS.

Images don't lazy-load / load slowly

Check Settings → Advanced Filterable Gallery → Lazy Load is enabled, and confirm the configured Thumbnail Size doesn't point to an oversized registered image size.

9. Changelog

Version: 1.0.0

Notes: Initial release. Includes fix for front-end asset enqueue timing (gallery not appearing/unstyled outside the Elementor editor) and a lightbox CSS specificity fix (zoom cursor persisting in the Elementor editor after closing the lightbox). Known issue: on some theme/page combinations the entrance-animation reveal transition can leave gallery items invisible; workaround is to set Behaviour → Entrance Animation to None (see Troubleshooting).

Advanced Filterable Gallery Pro

Documentation Addendum — Pro Upgrade (v2.0.0)

Author: Bharat Naik • Requires WordPress 6.0+ • PHP 8.0+ • Elementor tested up to 3.25

10. Pro Upgrade Overview

Version 2.0.0 turns the original single-purpose image gallery into a full Pro gallery suite while preserving the exact data model and rendering pipeline of 1.0.0. Nothing about how a v1.0.0 gallery is stored or displayed changes; the Pro release only adds new fields, new layout/hover/filter options, and new admin surfaces that a gallery can opt into.

10.1 What's New — Summary

Area	Summary
Architecture	Free/Pro feature-gating groundwork (AFG_License, AFG_IS_PRO) — invisible unless a future Free build is shipped.
Gallery Types	7 organizational types: Image, Video, Mixed, Album, Portfolio, Product, Client.
Layouts	16 new layouts added to the original 10 — 26 total.
Hover Effects	14 new hover effects added to the original 10 — 24 total.
Filter Bar Styles	6 new filter styles added to the original 4 — 10 total.
Video Galleries	Per-item YouTube / Vimeo / MP4 / WEBM video with single-active-player coordination.
Lightbox	New slideshow (autoplay) and scrollable thumbnail strip, alongside the existing zoom/share/download/fullscreen.
SEO	Automatic ImageGallery JSON-LD structured data per rendered gallery.
Admin	Redesigned dashboard with a 4th stat card, Admin Dark Mode, and a Gallery Type column in the list table.

11. Gallery Types

Every gallery now has a Gallery Type, set from the “How to Use” panel on the gallery edit screen. This field is organizational only: it does not change how images are stored or rendered on its own. It drives two things — the layout suggested by default, and (for Video/Mixed types) a visual cue that the Video URL field below is relevant.

Type	Intended Use	Suggested Layout
Image Gallery	Standard photo set (the v1.0.0 default).	Basic Grid
Video Gallery	A gallery made up primarily of video items.	Video Grid
Mixed Gallery	Photos and videos combined in one gallery.	Basic Grid
Album Gallery	A loosely grouped photo collection.	Masonry

Portfolio Gallery	Client/work samples, project shots.	Portfolio Style
Product Gallery	E-commerce or catalog imagery.	Modern Cards
Client Gallery	Delivered proofs/sets for a specific client.	Elegant

Because it is purely a hint, changing a gallery's Type at any time is non-destructive — it never rewrites existing image data or removes items.

12. Layout Styles — 26 Total (16 New)

The original 10 layouts are unchanged. Pro adds 16 more, selectable from the same Layout Style dropdown in the Elementor widget, the Gutenberg block, the shortcode's layout parameter, and Settings → Default Layout.

12.1 Original Layouts (10)

Key	Label
grid	Basic Grid
masonry	Masonry
cards	Modern Cards
metro	Metro Grid
portfolio	Portfolio Style
minimal	Minimal Gallery
hoverzoom	Hover Zoom
overlay	Image Overlay
rounded	Rounded Cards
animated	Premium Animated Grid

12.2 New in Pro (16)

Key	Label
polaroid	Polaroid — slight random rotation per tile, straightens on hover.
glass	Glass Cards — frosted, translucent tile background (backdrop-filter blur).
elegant	Elegant — minimal borders, centered uppercase caption.
floating	Floating Cards — tiles lift with a soft shadow on hover.
card3d	3D Tilt Cards — perspective tilt + scale on hover.
hexagon	Hexagon — tiles clipped to a hexagon shape.
diamond	Diamond — tiles clipped to a diamond/rhombus shape.
circle	Circle — circular tiles, ideal for team/avatar-style grids.
instagram	Instagram Feed — tight square grid, no captions.

pinterest	Pinterest Feed — CSS-column masonry, natural image heights.
timeline	Timeline — centered vertical line, alternating left/right items.
hscroll	Horizontal Scroll — swipeable single-row scroll-snap strip.
stack	Stack Gallery — items stacked like a photo pile, fans out on hover.
justified	Justified Rows — flexible flowing rows (Flickr-style approximation).
magazine	Magazine — dense editorial grid with periodic large feature tiles.
video-grid	Video Grid — 16:9 tiles tuned for video-poster thumbnails.

13. Hover Effects — 24 Total (14 New)

The original 10 hover styles (including None) are unchanged. Pro adds 14 more, available anywhere the Hover Style control appears.

13.1 Original Hover Effects (10)

Key	Label
none	None
zoom	Zoom
rotate	Rotate
fade	Fade
overlay	Overlay
slide	Slide Up
blur	Blur
icon	Icon Reveal
title	Title Overlay
border	Border Animation

13.2 New in Pro (14)

Key	Label
tilt	Tilt (3D Perspective)
glow	Glow
ripple	Ripple
glassover	Glass Overlay
gradient	Gradient Overlay
shine	Shine Sweep

lift	Lift & Shadow
flip3d	3D Flip
reveal	Image Reveal
grayscale	Grayscale to Color
sepia	Sepia to Color
skew	Skew
push	Push Title Up
circleout	Circle Reveal

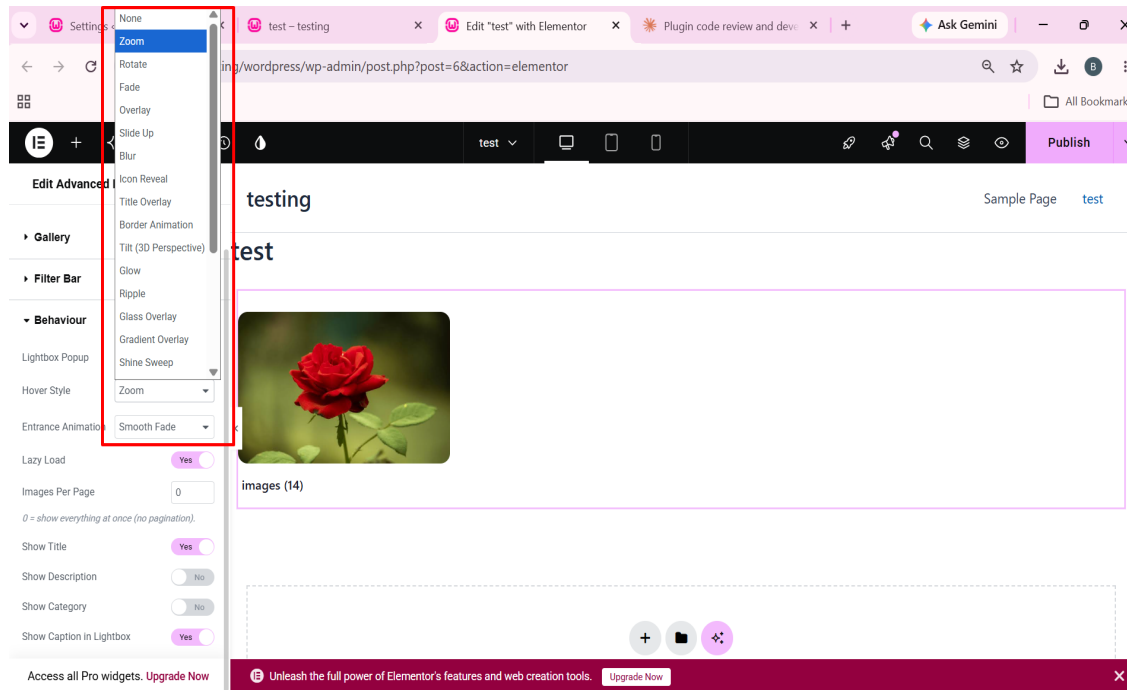


Fig. A — Hover Style dropdown in the Elementor widget, showing the expanded Pro list.

14. Filter Bar Styles — 10 Total (6 New)

The original 4 filter button styles are unchanged. Pro adds 6 more, selectable in the Filter Bar section of the Elementor widget, the Gutenberg block, and Settings.

Key	Label
pills	Pills (original)
underline	Underline (original)
outline	Outline (original)
glass	Glass (original)
gradient	Gradient — new
rounded	Rounded — new

tabs	Modern Tabs — new
icons	Icon Buttons — new
border	Animated Border — new
sliding	Sliding Indicator — new

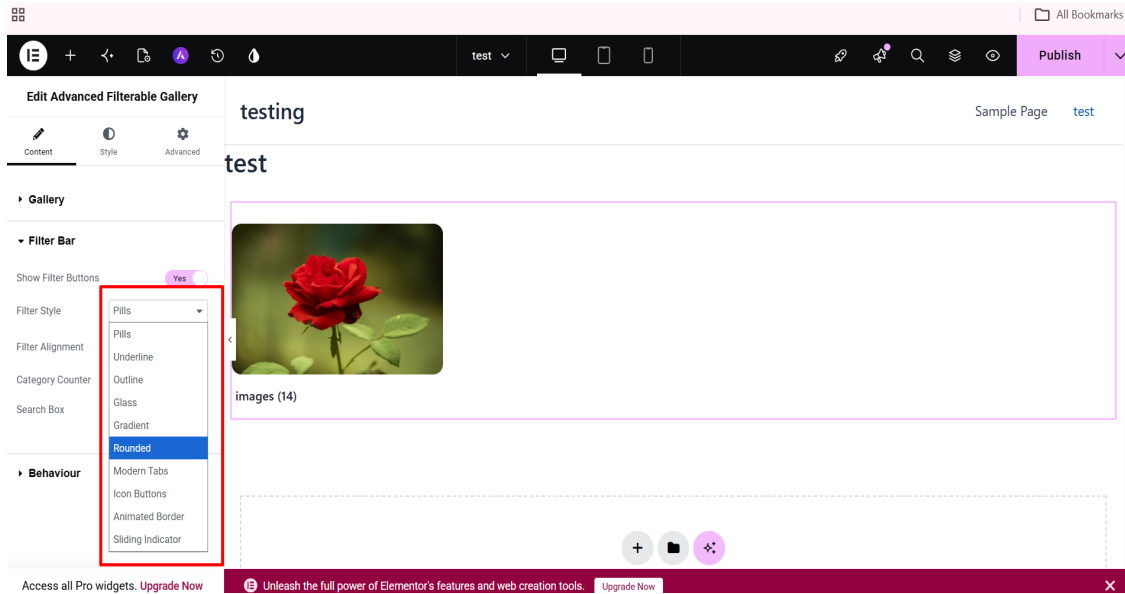


Fig. B — Filter Style dropdown in the Elementor widget, showing all 10 styles.

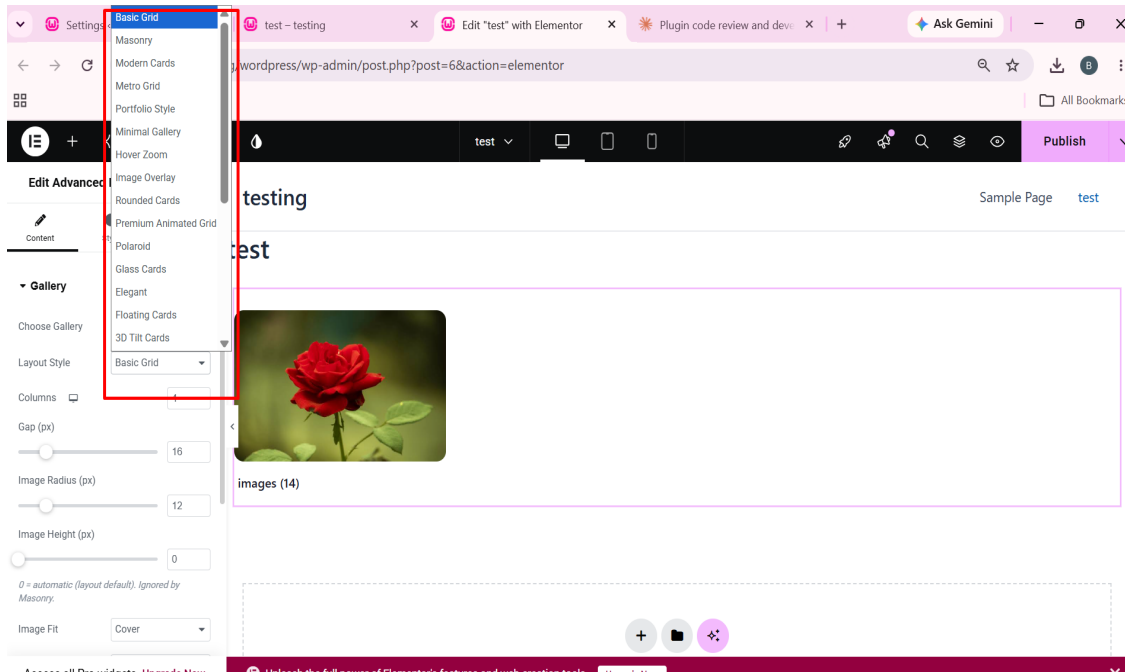


Fig. C — Layout Style dropdown, scrolled to show several of the 16 new Pro layouts.

15. Video Galleries

Video support is added at the item level, not as a separate content type. Every gallery item still requires a poster/thumbnail image — the same Media Library picker used for photos — because that image is what appears in the grid, what gets lazy-loaded and given a responsive srcset, and what displays until a visitor clicks to play.

15.1 Adding a Video Item

- Click Add Images and choose a poster/thumbnail image, exactly as for a photo item.
- Click the row to expand it, then paste a URL into the new Video URL field.
- Supported sources: YouTube (any watch/share/shorts URL), Vimeo, or a direct link to an .mp4, .m4v, .mov or .webm file.
- The provider is auto-detected from the URL; no separate “provider” field is needed.
- A blue “▶ Video” badge appears on the row once a Video URL is saved, and the frontend thumbnail gets a play-button overlay.

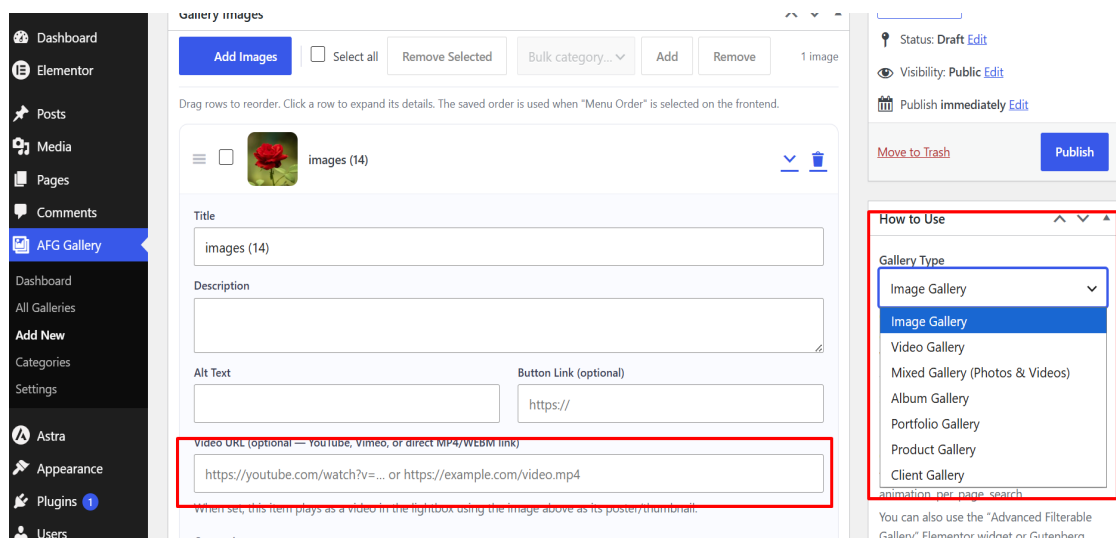


Fig. D — The Video URL field inside an expanded gallery item row.

15.2 Playback and the Single-Active-Player Rule

Clicking a video item opens it inside the existing lightbox rather than inline in the grid. YouTube and Vimeo items render as embedded players; MP4/WEBM items render as a native HTML5 <video> element with controls.

Only one AFG-managed video plays at a time, page-wide, across every gallery instance. Starting a new video automatically pauses whatever else is currently playing:

- YouTube players are paused via the YouTube IFrame postMessage API.
- Vimeo players are paused via the Vimeo player postMessage API.
- Self-hosted HTML5 videos are paused directly via the media element's pause() method.

This coordination is handled by a single global stop-function reference (window.__afgStopVideo in assets/js/afg-public.js) rather than a shared player registry, keeping the mechanism simple and dependency-free.

15.3 Video Playback Defaults

Settings → Advanced Filterable Gallery → Video Galleries controls the page-wide defaults applied when a video opens in the lightbox:

Setting	Default	Description
Autoplay	Off	Whether a video starts playing immediately when opened.
Mute	On	Whether video starts muted (recommended whenever Autoplay is on, since most browsers block unmuted autoplay).
Loop	Off	Whether self-hosted MP4/WEBM videos loop; YouTube/Vimeo looping is provider-specific.

16. Lightbox Pro Features

The v1.0.0 lightbox (zoom, next/previous, keyboard navigation, swipe, captions, counter, fullscreen, optional download/share) is unchanged. Two capabilities are added:

16.1 Slideshow

When enabled (Settings → Lightbox Buttons → Slideshow), a play/pause button appears in the lightbox toolbar. Starting the slideshow auto-advances through the gallery at the configured Slideshow Delay (default 4000ms, adjustable from 1000–15000ms). The slideshow automatically stops when the lightbox is closed, when the person manually navigates, or when a video item is reached and starts playing.

16.2 Thumbnail Strip

When enabled (Settings → Lightbox Buttons → Thumbnail Strip), a horizontally scrollable strip of thumbnails appears beneath the caption. Clicking any thumbnail jumps directly to that item; the active thumbnail is highlighted and auto-scrolled into view as navigation occurs.

17. SEO Structured Data

When Settings → SEO & Appearance → Structured Data is enabled (on by default), the plugin emits one ImageGallery JSON-LD <script> block per gallery rendered on a page, printed once in wp_footer. Each block includes the gallery title, permalink, and up to 50 ImageObject entries (contentUrl, name, description) for the gallery's image items. Video items are excluded from this schema, since ImageGallery schema specifically describes images.

This is additive markup only — it has no effect on the visual page and does not require any action beyond leaving the setting enabled.

18. Admin Dashboard & Dark Mode

The AFG Gallery → Dashboard screen now shows a PRO badge next to the version number, and a fourth stat card for Video Items alongside the original Total Galleries, Total Images, and Total Categories cards.

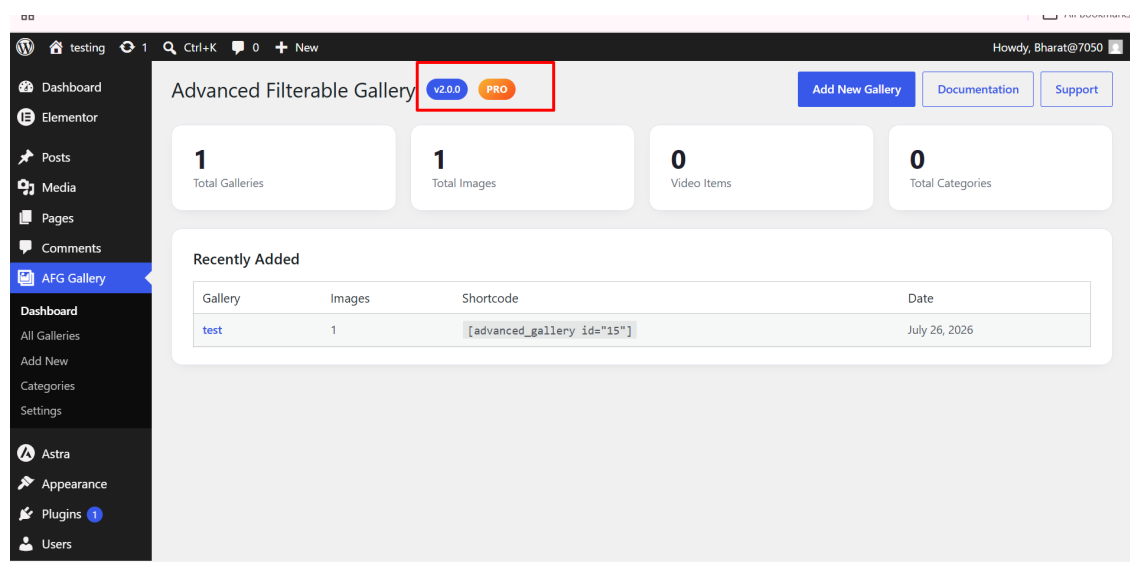


Fig. E — The Pro dashboard: version + PRO badge, and the new Video Items stat card.

Settings → SEO & Appearance → Admin Dark Mode applies a dark theme to the plugin's own admin screens (dashboard, settings, gallery edit screen) only — it has no effect on the public-facing gallery or lightbox, which are already themeable independently via Primary/Secondary Color.

The All Galleries list table also gains a Type column, showing each gallery's Gallery Type as a pill, positioned next to the existing Images and Shortcode columns.

19. Updated Gallery Settings Screen

Settings → Advanced Filterable Gallery gains three new sections, inserted after the existing Lightbox Buttons section and before Branding: additional Lightbox Buttons controls (Slideshow, Slideshow Delay, Thumbnail Strip), a new Video Galleries section, and a new SEO & Appearance section.

The screenshot displays the 'Advanced Filterable Gallery' settings interface. It features a central list of settings with checkboxes and input fields, flanked by two vertical grey bars. The settings are organized into sections:

- Download Button**: ☐ Show a download button in the lightbox
- Copy Link Button**: ☒ Show a copy-link / share button in the lightbox
- Slideshow**: ☒ Show a play/pause slideshow button in the lightbox
- Slideshow Delay (ms)**:
- Thumbnail Strip**: ☒ Show a scrollable thumbnail strip at the bottom of the lightbox
- Video Galleries**
 - Autoplay**: ☐ Autoplay videos when opened in the lightbox
 - Mute**: ☒ Start videos muted (recommended with autoplay)
 - Loop**: ☐ Loop self-hosted (MP4/WEBM) videos
- Only one video plays at a time — starting a new one automatically pauses any other video already playing on the page (inline or in the lightbox).
- SEO & Appearance**
 - Structured Data**: ☒ Output ImageGallery JSON-LD structured data for SEO
 - Admin Dark Mode**: ☐ Use a dark theme for the plugin's admin screens
- Branding**
 - Primary Color**:

Fig. F — The new Slideshow / Thumbnail Strip, Video Galleries, and SEO & Appearance sections.

Every other original setting (Default Layout, Default Columns, Default Hover Effect, Border Radius, Animation Speed, Thumbnail Size, Lightbox Image Quality, Lazy Load, Lightbox Popup, Counter, Download Button, Copy Link Button, Primary/Secondary Color, Font Family, Delete Data on Uninstall) is unchanged in behavior and default value.

20. Elementor Widget — Pro Controls

No new widget or new Elementor category is introduced. The existing Advanced Filterable Gallery widget's Layout Style, Hover Style, and Filter Style dropdowns automatically include every new Pro option, because these controls read their choices dynamically from `AFG_Render::layouts()`, `AFG_Render::hover_styles()`, and `AFG_Render::filter_styles()` rather than a hard-coded list. No widget update or re-save of existing pages is required to see the new options.

The widget's Video and Lightbox behavior (autoplay/mute/loop, slideshow, thumbnails) currently follows the page-wide Settings values described in sections 15.3 and 16; per-widget overrides for these specific controls are on the roadmap but not present in 2.0.0.

21. Updated Plugin Architecture

Three new files were added; every existing 1.0.0 file kept its original responsibility and was extended, not replaced.

File	Responsibility
includes/class-afg-license.php	AFG_License::is_pro() — the single feature-gate helper the rest of the plugin should call so a future Free build only requires changing this one class.
includes/class-afg-gallery-types.php	AFG_Gallery_Types — defines the 7 gallery types, their labels and suggested layouts, and reads/saves the per-gallery _afg_gallery_type post meta.
includes/class-afg-seo.php	AFG_Seo — collects ImageGallery schema for every gallery rendered on a page and prints it once in wp_footer.

Data model note: AFG_Post_Types::sanitize_image_item() gained one new optional key, video_url (empty string by default). Every item saved by v1.0.0 already omits this key, which is treated identically to an empty string, so existing galleries require no migration.

22. Backward Compatibility Statement

- Every gallery created in v1.0.0 renders identically after upgrading — no data migration step exists or is required.
- The [advanced_gallery] shortcode, its parameters, the Gutenberg block, and the Elementor widget all continue to accept the same inputs as v1.0.0.
- New settings (Video Galleries, Slideshow, Thumbnail Strip, SEO Schema, Admin Dark Mode) ship with sensible defaults and do not require configuration to keep existing behavior.
- Gallery Type defaults to “Image Gallery” for any gallery that predates this field, which is visually and functionally identical to how that gallery rendered under v1.0.0.

23. Changelog

Version	Notes
2.0.0	Pro upgrade. Added: 7 gallery types; 16 new layouts (26 total); 14 new hover effects (24 total); 6 new filter bar styles (10 total); video gallery items (YouTube/Vimeo/MP4/WEBM) with single-active-player coordination; lightbox slideshow and thumbnail strip; ImageGallery JSON-LD structured data; admin dark mode; redesigned dashboard with a Video Items stat card; Gallery Type column in the admin list table. Fully backward compatible with all 1.0.0 galleries.
1.0.0	Initial release. See base documentation above for details.



Upgrade to the Pro Version!

For the Pro Plugin, feel free to call or WhatsApp me at +91 8197617050.



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