

Video Overlay (Chromakey)

User Manual

WordPress Plugin • Version 1.5.3

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1. Overview

Video Overlay (Chromakey) is a WordPress plugin that floats one or more chromakey (green-screen) videos over chosen pages of your site. Each video's background color is removed in real time in the visitor's browser, using canvas pixel processing, so the video subject appears to hover directly over your page content rather than sitting inside a rectangular video frame.

From Settings > Video Overlay you can create one or more independent "overlay" rules. Each rule pairs a target page with a video and its own chromakey color, tolerance, position, size, loop, and sound settings.

Key features:

- Native WordPress page picker — no need to know or type a URL
- Native Media Library video picker (or paste a direct video URL)
- Chromakey color picker with an adjustable tolerance slider
- Five preset positions and adjustable width
- Autoplay on/off, with a static preview frame while waiting for a click
- Loop on/off, with a reliable manual-restart fallback
- Muted playback, or attempt sound-on with automatic click-to-unmute fallback
- Click-to-play/pause/resume on the video itself
- Visitor-dismissible close (X) button, remembered for the browser session
- Free tier (1 overlay, watermarked) and licensed tier (unlimited overlays, no watermark)

2. Installation

- 1 In your WordPress admin, go to **Plugins > Add New > Upload Plugin**.
- 2 Choose the **video-overlay-plugin.zip** file and click **Install Now**.
- 3 Click **Activate Plugin**.
- 4 Go to **Settings > Video Overlay** to configure your first overlay.

3. Quick Setup

- 1 Open **Settings > Video Overlay**.
- 2 Under **Page**, choose the page you want the video to appear on from the dropdown.
- 3 Click **Select Video from Media Library** to pick an uploaded video, or paste a direct video URL into the field.
- 4 Click the **Chromakey Color** swatch and choose the background color to remove (green by default).
- 5 Leave **Chromakey Tolerance** at its default (90) to start; adjust later if needed (see Troubleshooting).

- 6 Choose a **Position**, **Size**, **Autoplay**, **Loop**, and **Sound** setting.
- 7 Click **Save Changes**, then visit the target page to see the overlay in action.
- 8 On a licensed site, click + **Add Another Overlay** to add more page/video pairs.

4. Settings Reference

Each overlay row under Settings > Video Overlay has the following fields:

Field	Description
Page	Native WordPress page dropdown. The overlay appears only on the selected page.
Video URL	Set via the "Select Video from Media Library" button, or paste a direct MP4/WebM URL. Must be a direct video file, not a YouTube/Vimeo embed.
Chromakey Color	Color picker for the background color to remove (e.g. green or blue screen). Default: #00ff00.
Chromakey Tolerance	Slider, range 10–200, default 90. Controls how close a pixel's color must be to the chromakey color to be made transparent. Raise it if background color is still visible; lower it if the subject starts turning translucent.
Position	Where the overlay is anchored on the page: Top Left, Top Right, Bottom Left, Bottom Right, or Center. Multiple overlays anchored to the same corner of the same page stack neatly.
Video Size	Width in pixels; height scales automatically to match the video's aspect ratio.
Autoplay	On/off checkbox, default on. When on, the video starts playing by itself once the page loads. When off, the video stays paused on a chromakeyed preview of its first frame until the visitor clicks it — clicking then starts playback (and sound, if Sound is set to attempt sound-on).
Loop	On/off checkbox. When on, the video restarts automatically when it ends.
Sound	Muted (recommended when Autoplay is on), or attempt sound-on. Browsers block audible autoplay until the visitor interacts with the page, so "sound on" automatically falls back to starting muted with a small Unmute button, and unmutes fully on the visitor's first click/tap. If Autoplay is off, the visitor's click that starts the video counts as that interaction, so sound plays immediately with no fallback needed.
Add Another Overlay	Adds another page/video row. Disabled once the free-tier limit (1 overlay) is reached on an unlicensed site.

5. Free vs. Licensed

The plugin works fully out of the box in **unlicensed mode**: it is capped at 1 page/video overlay, and that overlay displays a repeating "UNLICENSED" watermark. The "+ Add Another Overlay" button is disabled once that 1 overlay is configured, and the limit is also enforced on the server when settings are saved, so it cannot be bypassed by editing the page.

A **licensed** site supports unlimited page/video overlay rules with no watermark.

Plan	Price	Site Activations
Single Site	\$2.99	1
10 Sites	\$5.99	10
Unlimited	\$9.99	Unlimited

Licensing is powered by Freemius. Once configured by the site owner/developer, Freemius automatically adds Account/Upgrade/Contact screens to the plugin, emails license keys on purchase, and gives customers a self-service portal to activate or deactivate their own sites, without needing direct support contact for routine license management.

6. Visitor-Facing Behavior

- **Close button:** visitors can dismiss any overlay with its × button; once dismissed it will not reappear for the rest of that browser session.
- **Click-to-play/pause:** if Autoplay is off, clicking the video starts it; if it's already playing, clicking pauses and resumes it.
- **Stacking:** multiple overlays anchored to the same corner of the same page stack neatly instead of overlapping.
- **Sound button:** if "sound on" is selected but the browser blocks audible autoplay, a small Unmute button appears automatically.

7. Troubleshooting

Background color is still visible around the video subject

Video compression shifts the actual on-screen chromakey color slightly, often worse near the end of a clip. Raise the **Chromakey Tolerance** slider in the overlay's settings. If the subject itself starts turning translucent or disappearing, lower the tolerance instead.

Video plays as a plain rectangle with no background removal

Chromakey removal requires direct pixel access to the video, which only works with direct video files (MP4/WebM) served with proper CORS headers — not YouTube or Vimeo embeds. If the video is hosted on a different domain than your site, that server must send an **Access-Control-Allow-Origin** header, or the browser will block pixel access and the plugin will automatically fall back to showing the plain video without background removal.

Video does not autoplay

First, check the **Autoplay** checkbox for that overlay — if it's off, the video is intentionally waiting on its first frame for the visitor to click it, not malfunctioning. If Autoplay is on and the video still doesn't start, this is usually the browser's autoplay policy blocking it (common on mobile, or in tabs opened in the background). The plugin already sets muted/playsinline/autoplay as real HTML attributes (required by Safari in particular) and automatically retries playback on the visitor's first click or tap anywhere on the page as a fallback.

Video does not play with sound

Browsers block audible (unmuted) autoplay by default. If "Attempt sound-on" is selected and Autoplay is on, the plugin tries it and automatically falls back to starting muted with a small Unmute button, unmuting fully on the visitor's first click or tap. This is a browser policy, not a plugin limitation. If Autoplay is off instead, the visitor's click that starts the video already counts as their interaction, so sound plays immediately without needing the fallback.

" + Add Another Overlay" is disabled

This is expected on an unlicensed site: free installs are limited to 1 page/video overlay. Upgrade to a licensed plan to unlock unlimited overlays and remove the watermark.

Video does not loop

Confirm the **Loop** checkbox is enabled for that overlay and settings have been saved. The plugin sets looping both as a native video attribute and with an automatic manual-restart fallback, so looping should be reliable across modern browsers.

Video shows a rim of color right when it ends (non-looping)

This was fixed in version 1.2.1: when a non-looping video finishes, the plugin now clears the canvas and hides the overlay so no leftover chromakey color remains visible. If you still see this on an older install, update to the latest version.

8. Support

For questions, bug reports, or licensing help, contact:

info@prime9ai.com

Please include your WordPress version, the plugin version (shown at the top of Settings > Video Overlay), and a description or screenshot of the issue so it can be diagnosed quickly.

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