



USER GUIDE

Windows Version 4.0.4.0 | April 2023



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www.chromacam.me

USER GUIDE

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Download and Install

ChromaCam is available for Windows and Mac computers. You can download the ChromaCam application from the Chromacam Download Page:

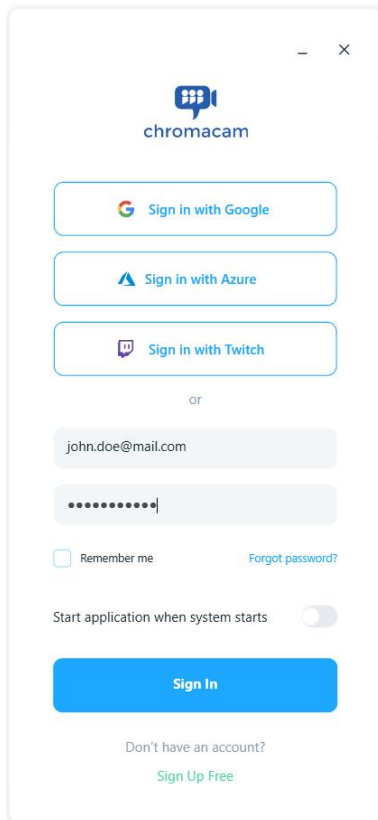
- <https://personifyinc.com/download/chromacam>

Once the installation file is downloaded, double-click it, and follow the prompts to complete the installation process.

ChromaCam on Windows

First Time Opening

When ChromaCam is opened for the first time, you will see the Login screen with the following login options:

The image shows a login window for ChromaCam. At the top is the ChromaCam logo, which consists of a blue speech bubble icon with three white dots inside, and the text 'chromacam' below it. Below the logo are three rounded rectangular buttons stacked vertically: 'Sign in with Google' (with the Google logo), 'Sign in with Azure' (with the Azure logo), and 'Sign in with Twitch' (with the Twitch logo). Below these buttons is the word 'or'. Underneath 'or' are two input fields: the first contains the email address 'john.doe@mail.com', and the second contains a series of dots representing a password. Below the password field is a checkbox labeled 'Remember me' and a link labeled 'Forgot password?'. Below these is a toggle switch for 'Start application when system starts', which is currently turned off. At the bottom is a large blue button labeled 'Sign In'. Below the 'Sign In' button is the text 'Don't have an account?' followed by a link labeled 'Sign Up Free'.

1. Using a Google account
2. Using an Azure account
3. Using a Twitch account

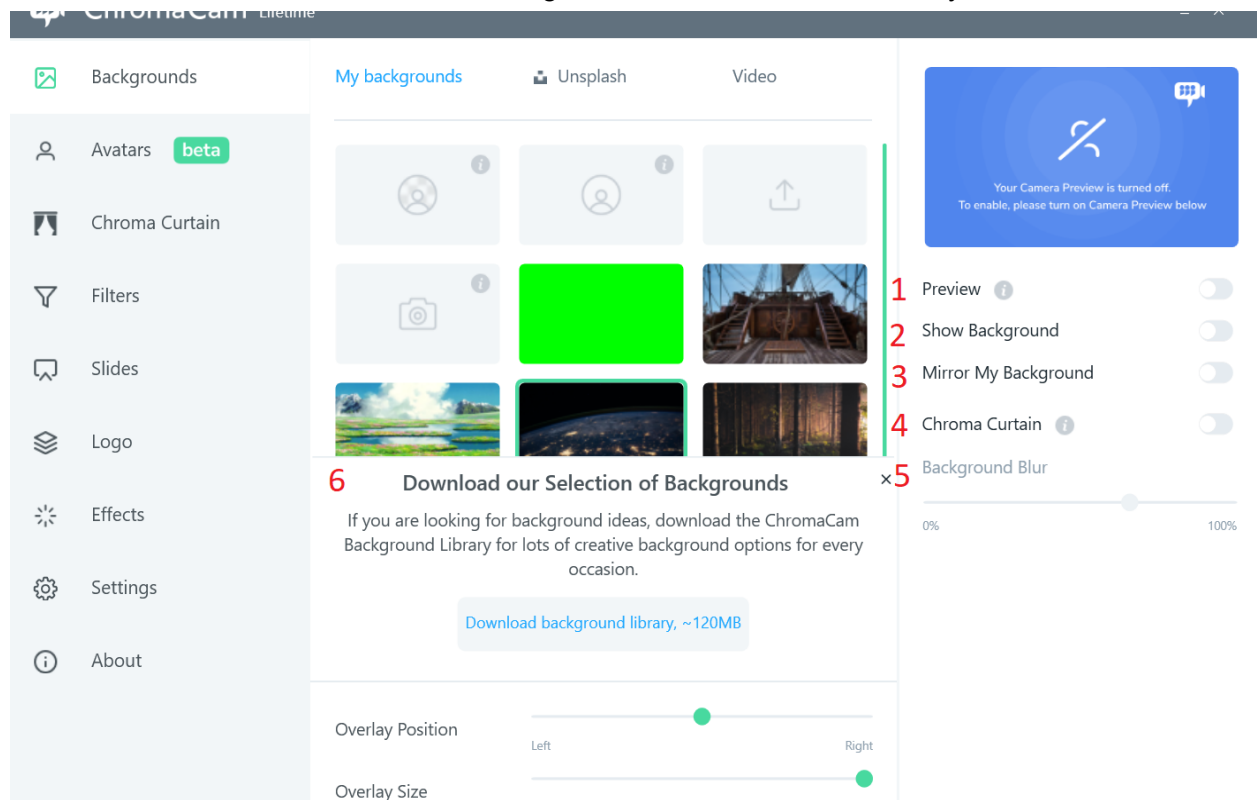
4. Using an email address and password (recommended)

Here, you can also:

- Set the application to remember your entries
- Retrieve a lost password
- Create a new account
- Set the Chromacam to launch upon the system's start.

Once Logged In

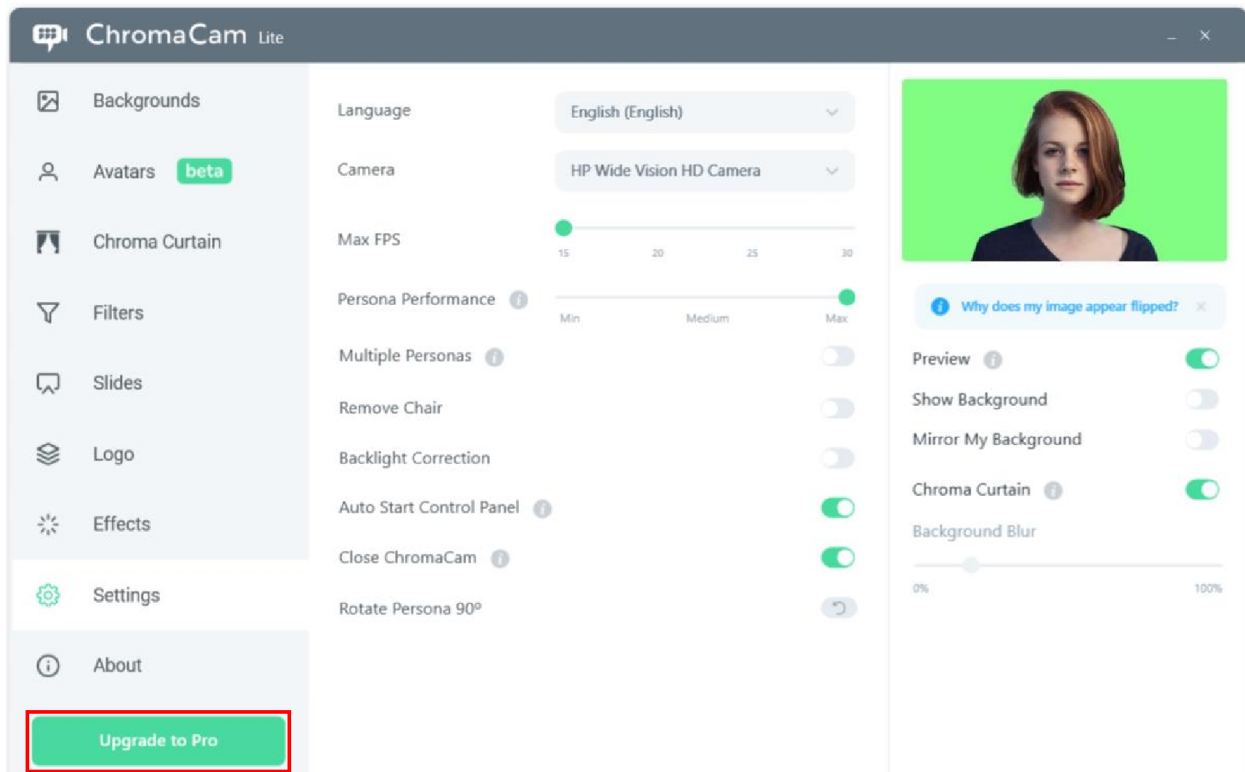
Once logged in, you will be presented with the Backgrounds menu. The menu on the right-hand side of the screen will remain available regardless of what tab or section you are in.



The side menu allows you to:

1. Turn the preview on to see your camera feed with the selected virtual background.
2. Show your real background.
3. Flip your background to its mirror image.
4. Turn on/off your digital curtain to hide your avatar and background when needed.
5. Adjust the blur amount from 0% to 100% for the blur feature (Pro Members only).
6. Download our selection of preset backgrounds, these are generic backgrounds of landscapes and office settings to get you started.

NOTE: The screenshot above shows the screen of the Pro account and this guide will focus on the capabilities of Pro. The Lite account includes an upgrade button on the bottom left-hand of the screen as shown on the screen below.

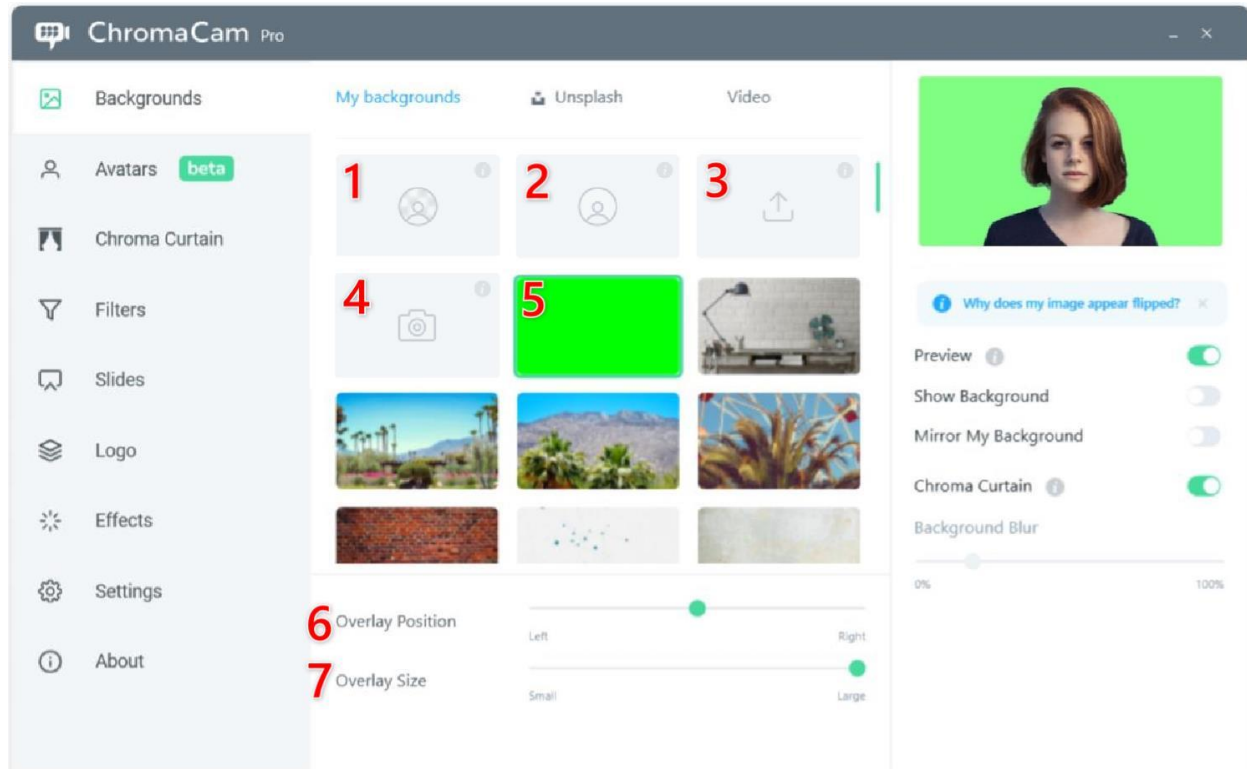


Backgrounds

The **Backgrounds** menu is the heart of ChromaCam. You will spend most of your time using the features described in this section.

My backgrounds

From **My backgrounds**, you can accomplish the following:



1. Blur your background.

NOTE: This feature is not supported in combination with an Avatar.

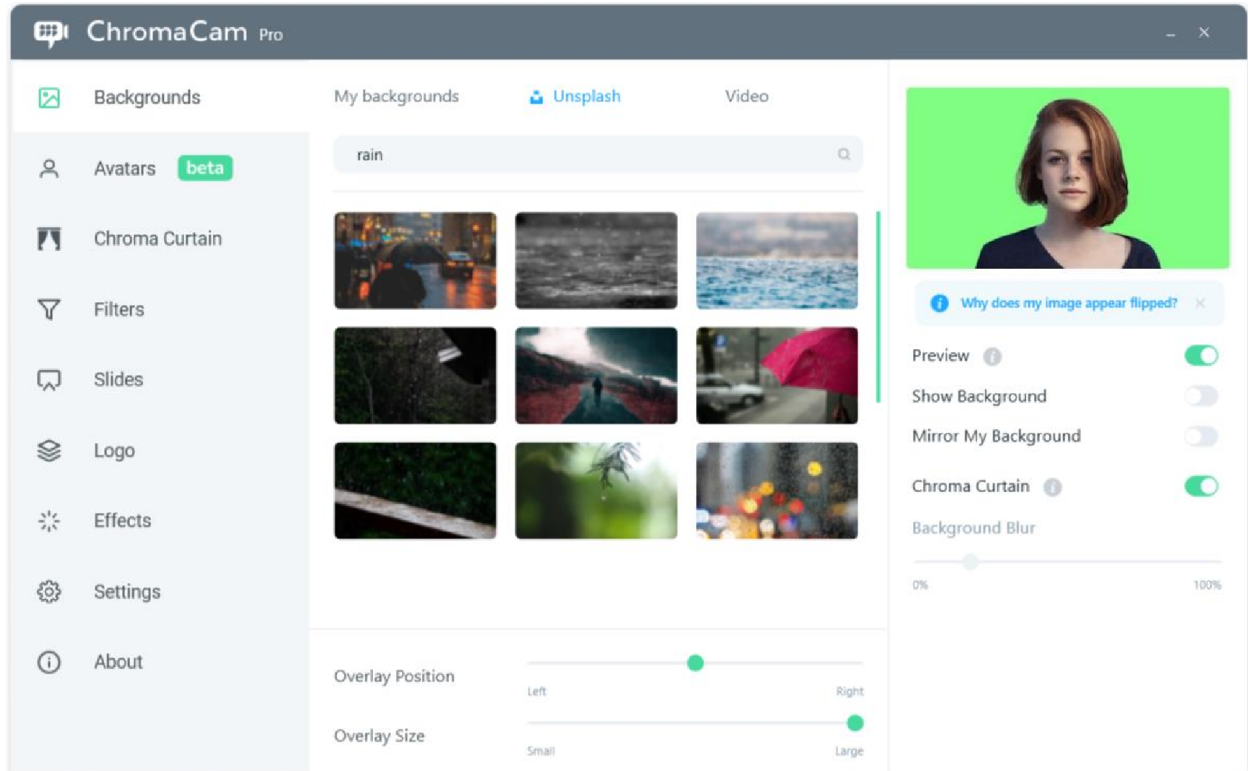
2. Make your background transparent for use in popular video production applications such as Streamlabs OBS (Pro Members only).
3. Add your own saved images as virtual backgrounds (Pro Members only).
4. Use your webcam to take a picture of your actual background. This image is added to your background choices. This image can create the illusion that your avatar occupies your actual location. Try it out. It's fun.
5. Choose one of the thumbnails to select the virtual background in your video application.

You will find the following two settings on some other screens as well.

6. Control your persona or Chromatar Position (Pro Members only).
7. Control your persona or Chromatar Size (Pro Members only).

Unsplash

From **Unsplash**, you can access many thousands of free backgrounds with a simple keyword search.



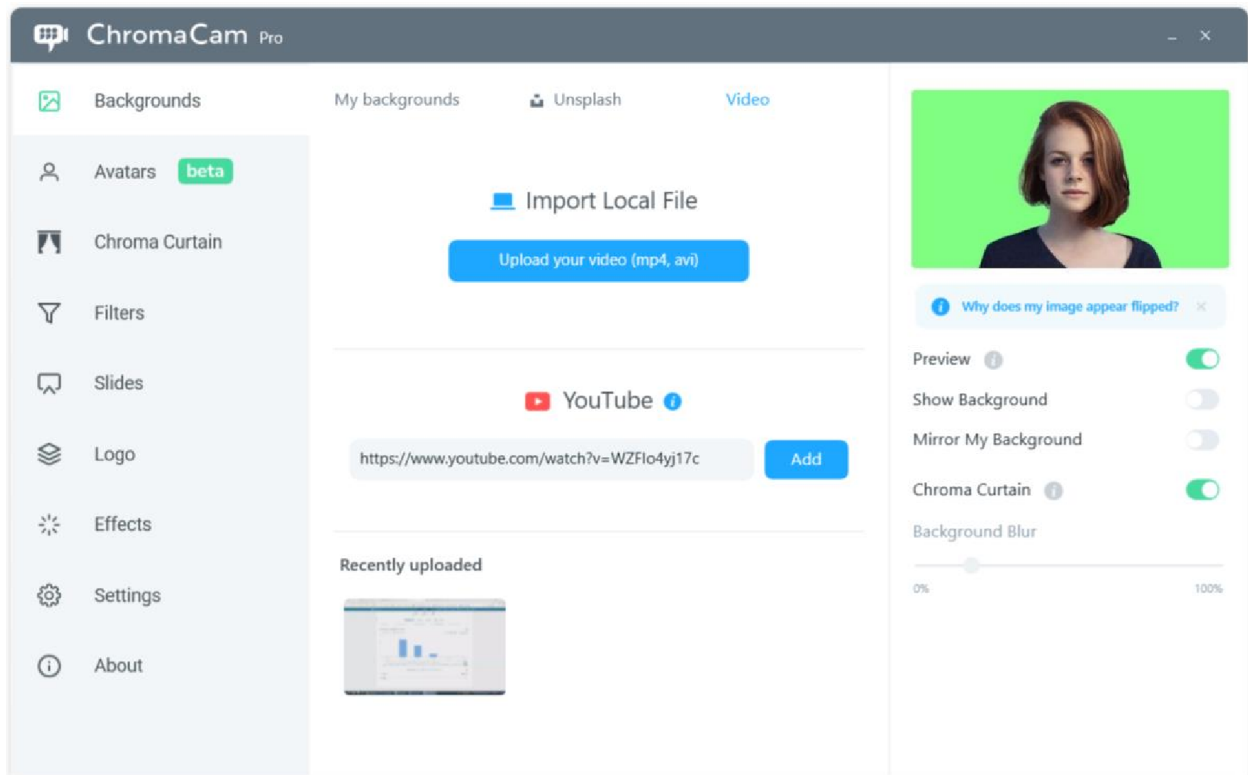
Video

Here you can use animated Video Backgrounds instead of a static image. Here you have two options:

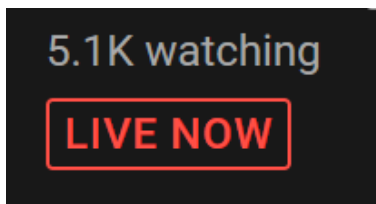
1. Import your own video with an .mp4 or .avi file type
2. Paste a URL from YouTube.

After adding a youtube URL or importing and playing a video, play controls will become available to play, pause, fast forward, and loop. There are also settings to place your persona or Chromatar overlay sized appropriately and in the correct location. If you would like to see what this is going to look like, turn on preview. Keep in mind changes to settings will not be visible in the video backgrounds screenshot.

Be Advised: The Large preview of the video background has been programmed to show a still image. The smaller preview and the video in your presentation/stream will show the video being played in real time. This is to save background resources that ChromaCam consumes.



NOTE: The audio won't play regardless of the Video option you choose. Also, be aware that LIVE YouTube videos are not supported at this time. So if you see the LIVE NOW label like this , ChromaCam doesn't support LIVE NOW video at this time.



Avatars (Chromatar Beta)

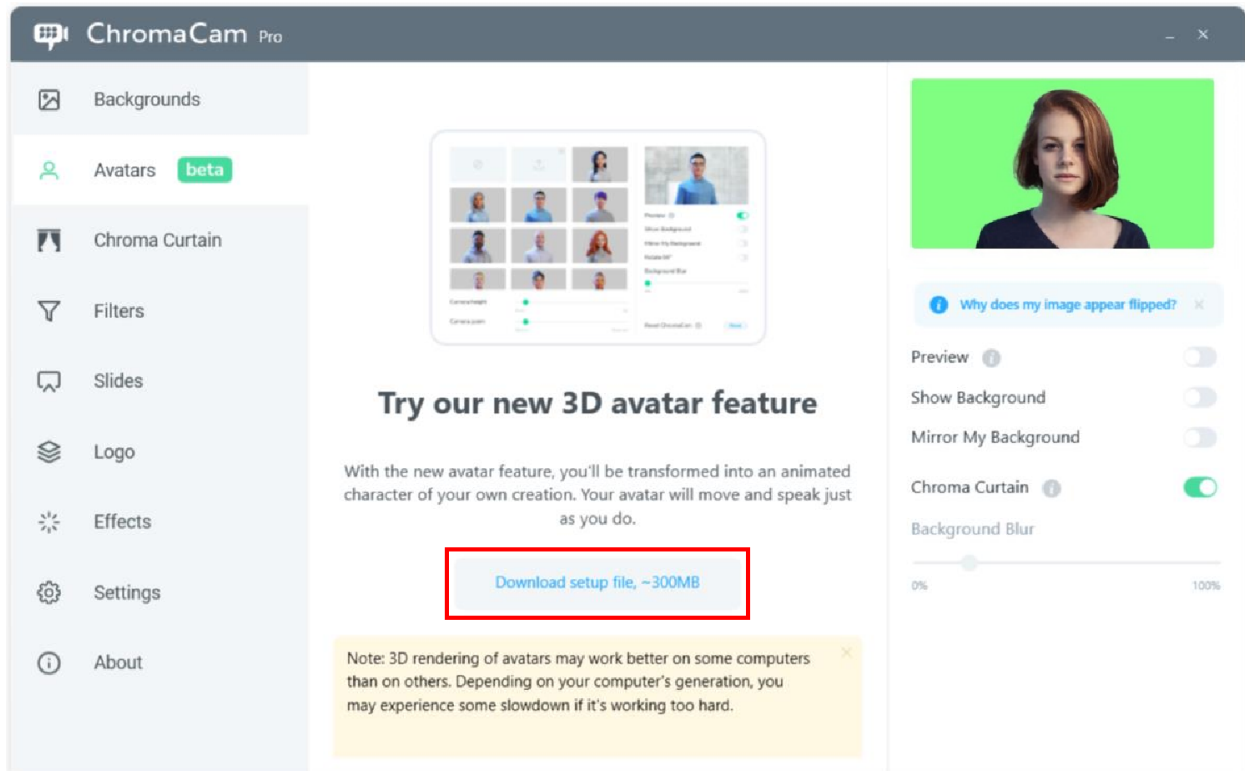
In the most recent implementations, ChromaCam supports Virtual Avatars called Chromatars^{Beta}. Chromatars are 3D animated characters that can be designed by using one of the supported metaverse applications:

- [Ready Player Me](#). It is free and web-based. No installation or registration is required.
- [VRoid Studio](#). It is free and is available for Windows and Mac.

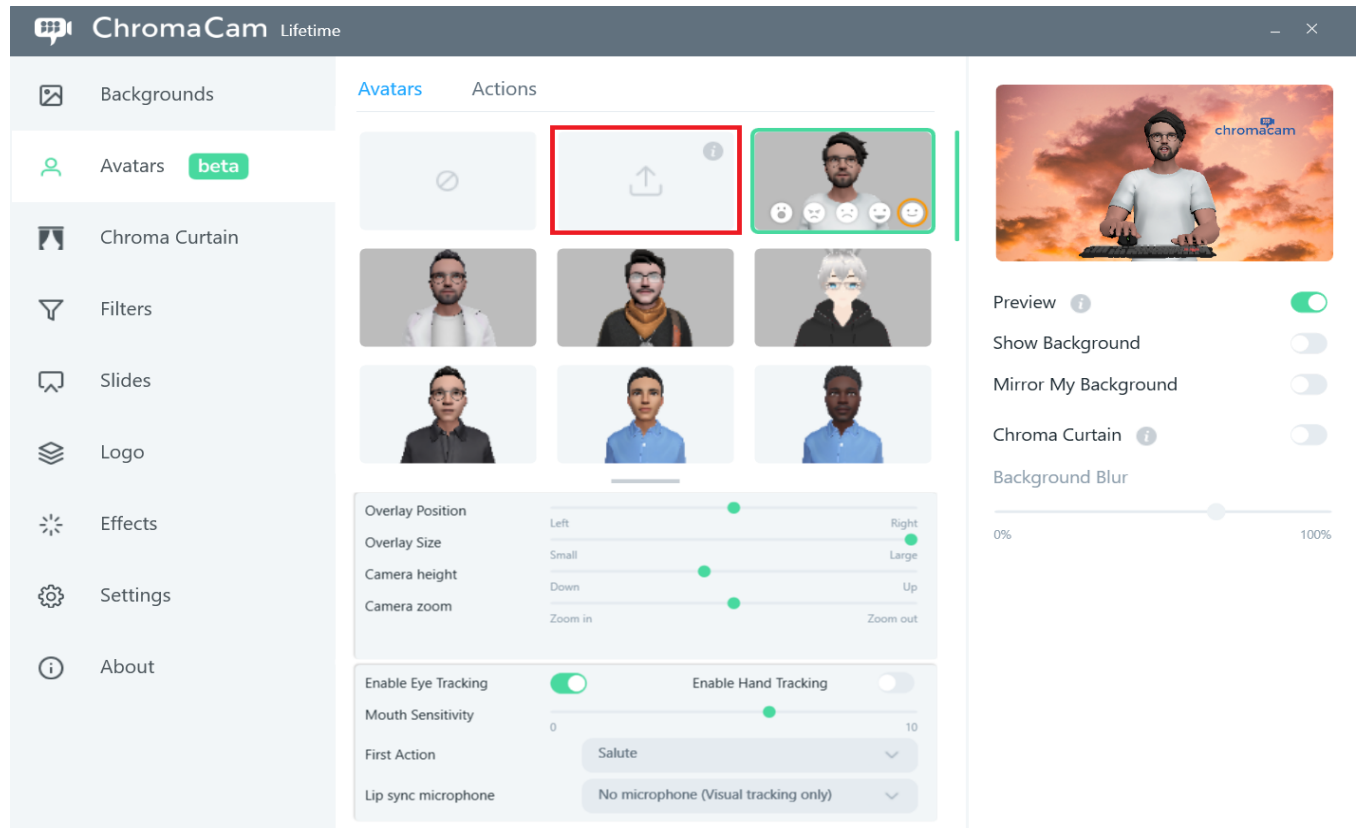
💡 For simple instructions on how to create your own Chromatar, refer to the following section, *Creating Custom Chromatars*.

Once created, Chromatars can be uploaded to ChromaCam and used right away. Chromacam Pro supports .glb as well as .vrm files for importing custom Chromatar characters.

Before getting started, you will need to load the setup file first.

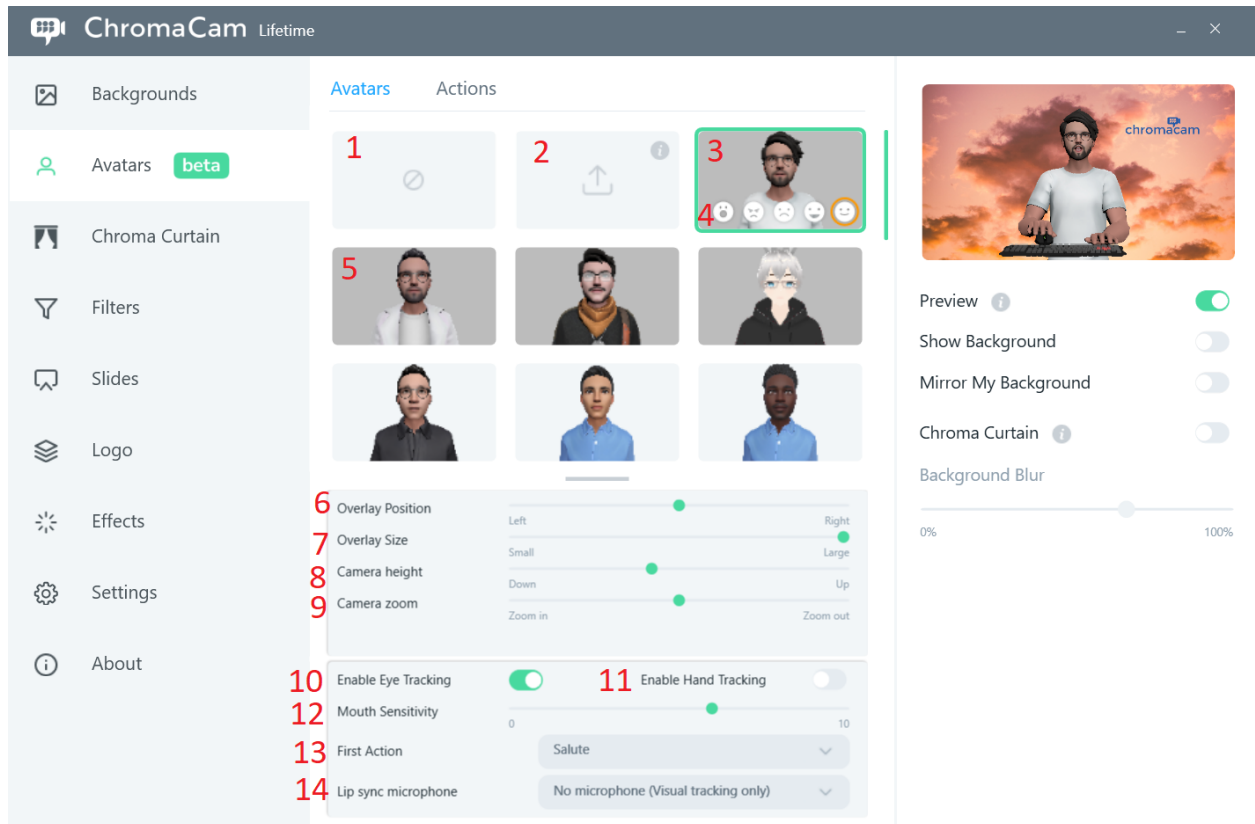


Next, you can proceed with uploading your custom .glb or .vrm Chromatar file.



Once imported, your Chromatar will appear at the top of the Avatar selections. Select it to use as your ChromaCam Persona.

The settings allow you to:



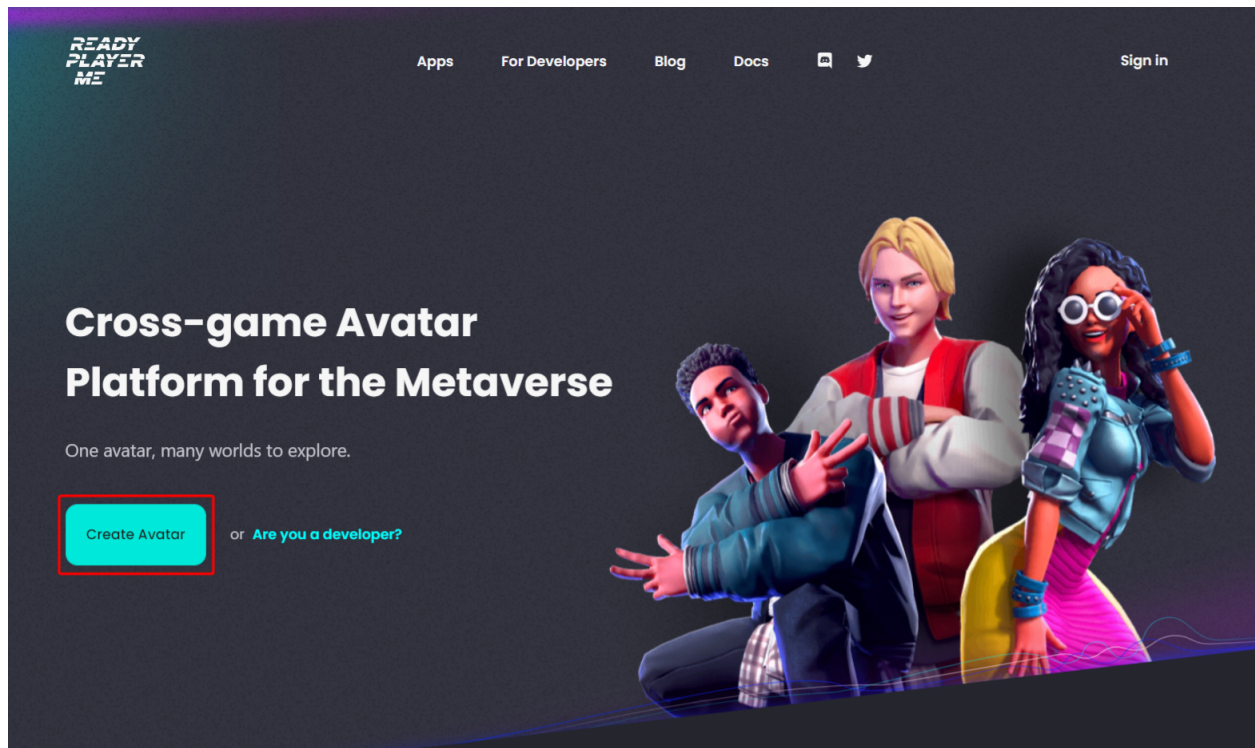
1. Turn off the Chromatar feature.
2. Import a custom 3D Avatar (.glb and .vrm file types are supported)
3. Select the imported Avatar(s). You can upload as many as you need. They will appear at the top with the latest uploaded as a first option.
4. Select a temporary emotion for your Chromatar (lasts 10 seconds before returning to a neutral expression).
5. Select one of the available currently uploaded Chromatars.
6. Control your Chromatar Position (Pro Members only).
7. Control your Chromatar Size (Pro Members only).
8. Adjust the Chromatar vertical position.
9. Zoom in/out on the Chromatar.
10. Enable the tracking of your eyes in the camera to be mimicked by the Chromatar
11. Enable Hand Movement tracking through your camera. This will activate hand movement from the avatar.
12. Changes the sensitivity of the mouth tracking function.
13. Allows your Avatar to do an action when first joining a stream, presentation, or video call.
14. Set the lip-sync method. Be thoughtful about your choice:
 - Use visual tracking from the camera. *This will not work if you are wearing a mask.*
 - Select the desired microphone to use. The sound of your voice will trigger a mouth movement. *The Chromatar lips will move following any sound, not only your voice.*

NOTE: When you select any Chromatar, it will detect your head position. If you are looking away from the camera when this is done, it will calibrate to that head position. If you need to manually reset the head position, just click the active Chromatar selection again. This will instantly recalibrate to your current head position.

Creating Custom Chromatars

To create your own custom Chromatar with **Ready Player Me** (without registration):

1. Access readyplayer.me from your browser and click **Create Avatar**.



2. Make your choice in Step 1.

STEP 1
Body Type

Choose your body type

Masculine

Feminine

Don't specify

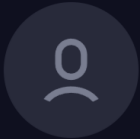
Already have an avatar?

Sign in with **READY PLAYER ME**

3. Make your choice in Step 2. In this guide, we will select **Pick a file** to upload the existing photo from a computer.

STEP 2
Photo

For best results take a selfie with a neutral face and good lighting. ?



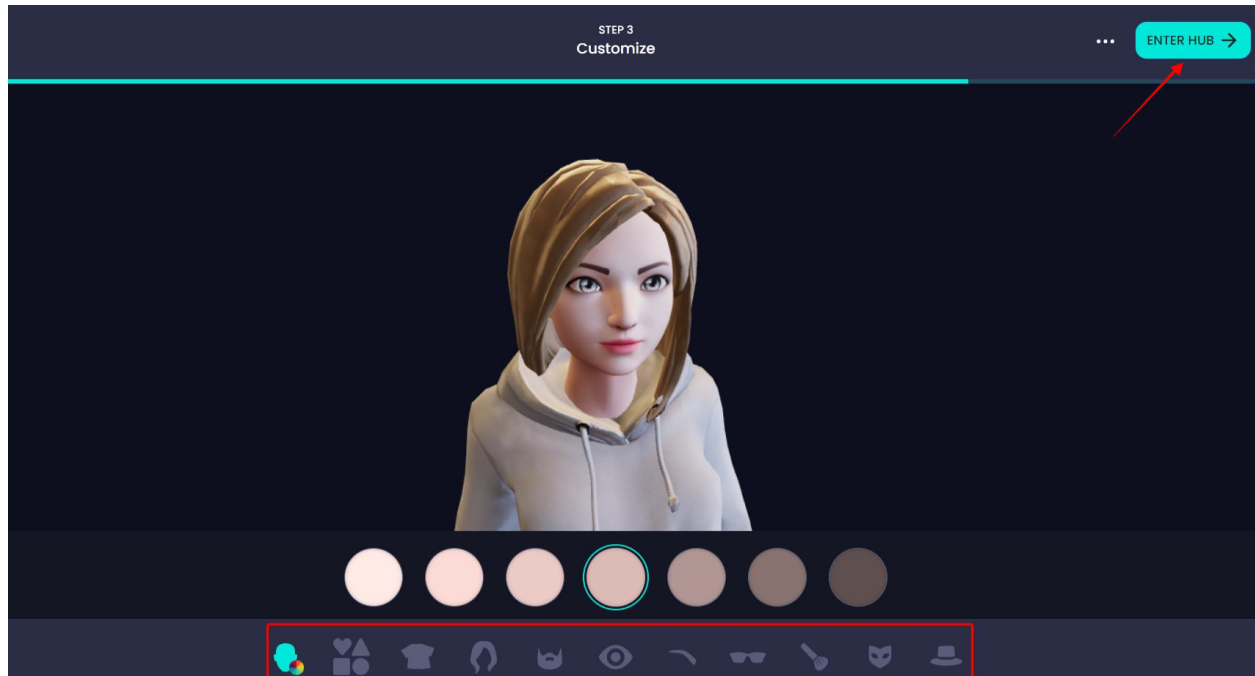
Take a photo!

or pick a file

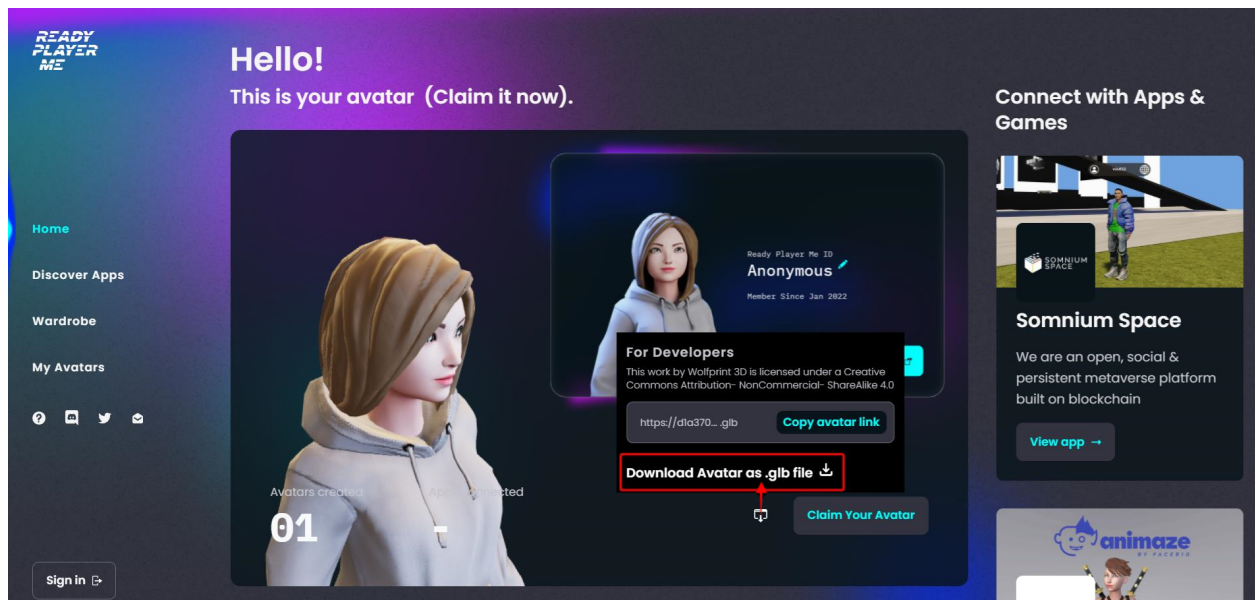
Continue without a photo

By clicking "Take a photo!" or "Continue without a photo" you confirm you have read and accept our [Terms of Use & Privacy Policy](#)

4. Customize your avatar by using the available tools at Step 3 and then click **ENTER HUB**.

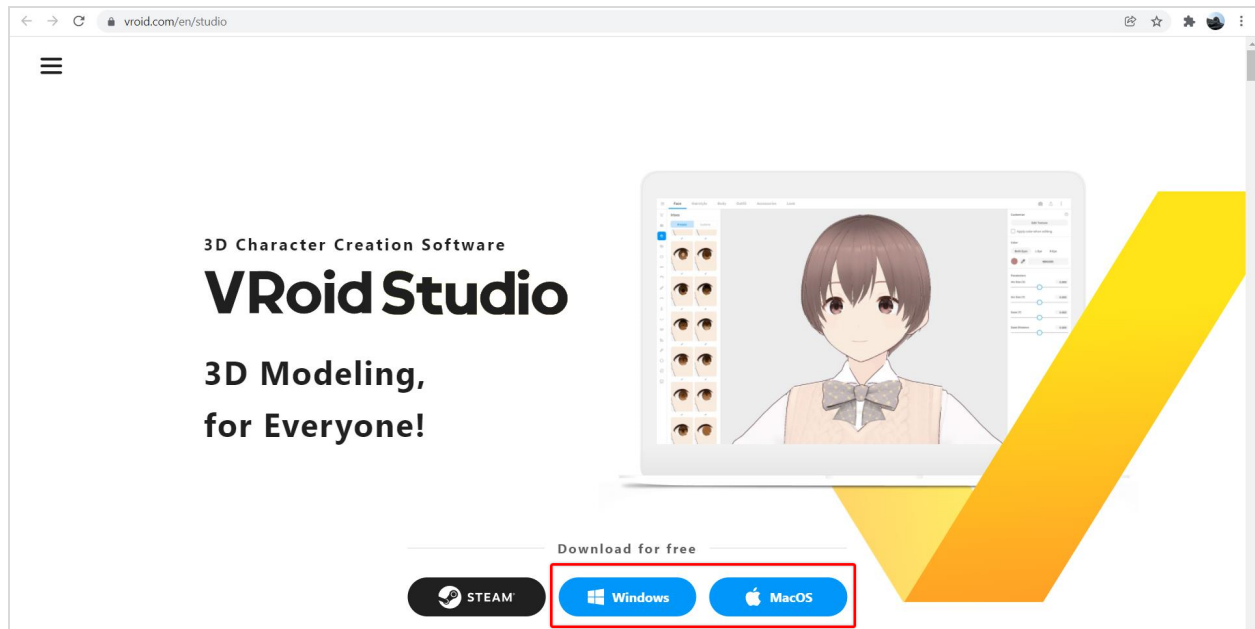


5. Download your Avatar as a .glb file to your computer.

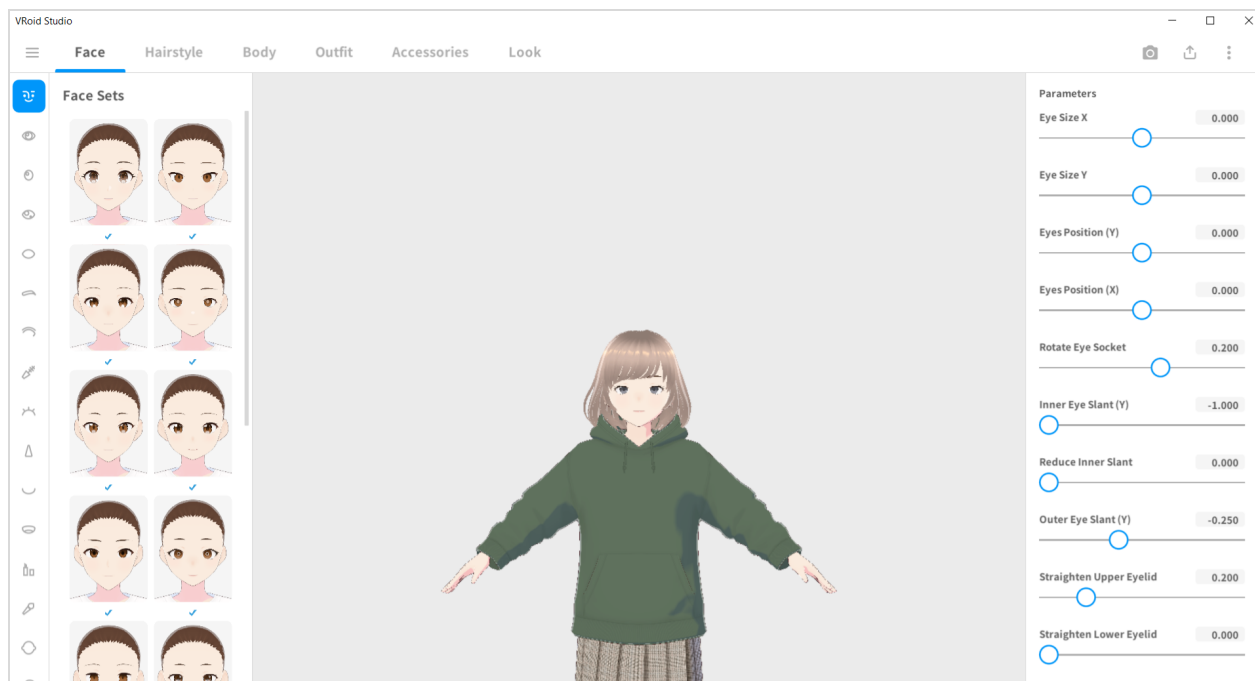


To create your own custom Avatar with **VRoid Studio**:

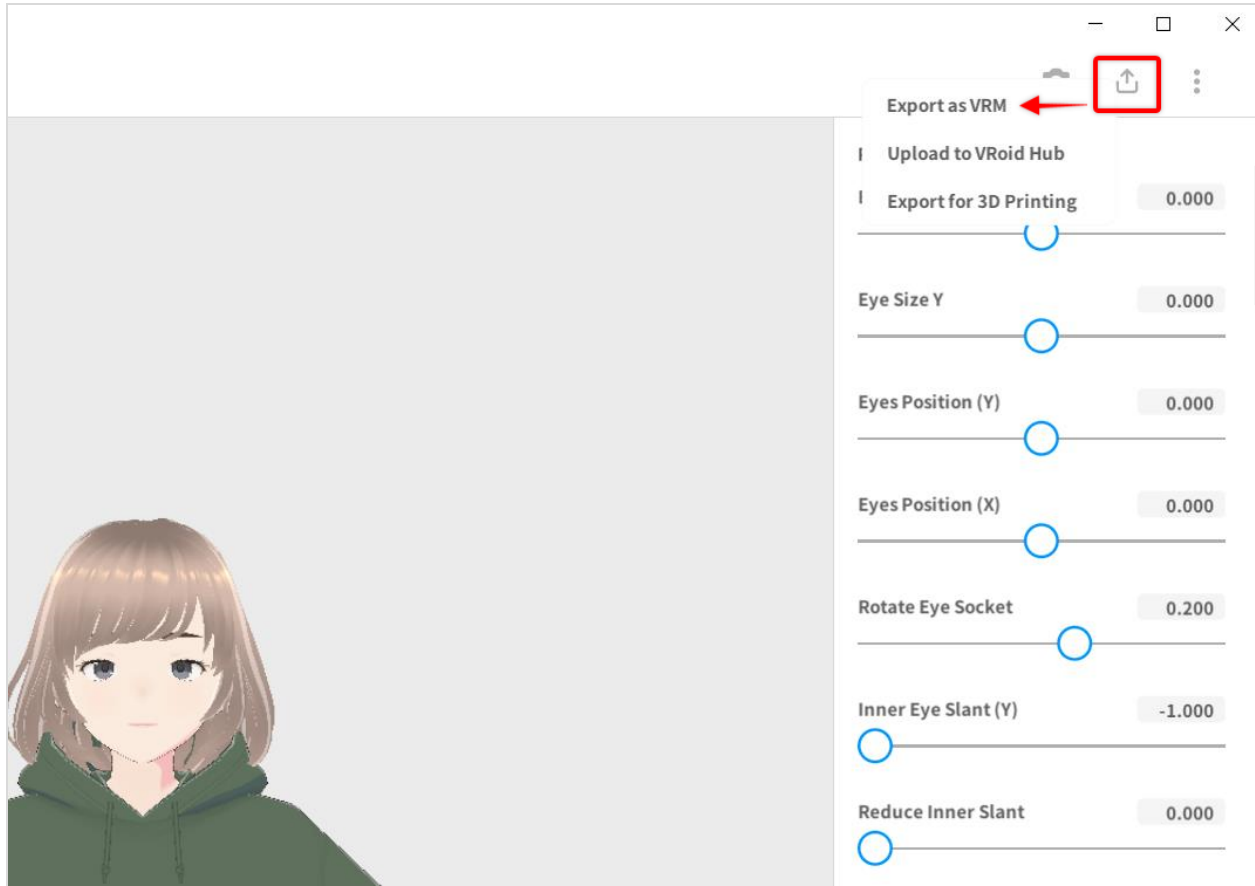
1. Download and install [VRoid Studio](#).



2. Design your avatar by using the available tools. You can refer to [Youtube](#) for VRoid Studio tutorials to get started.



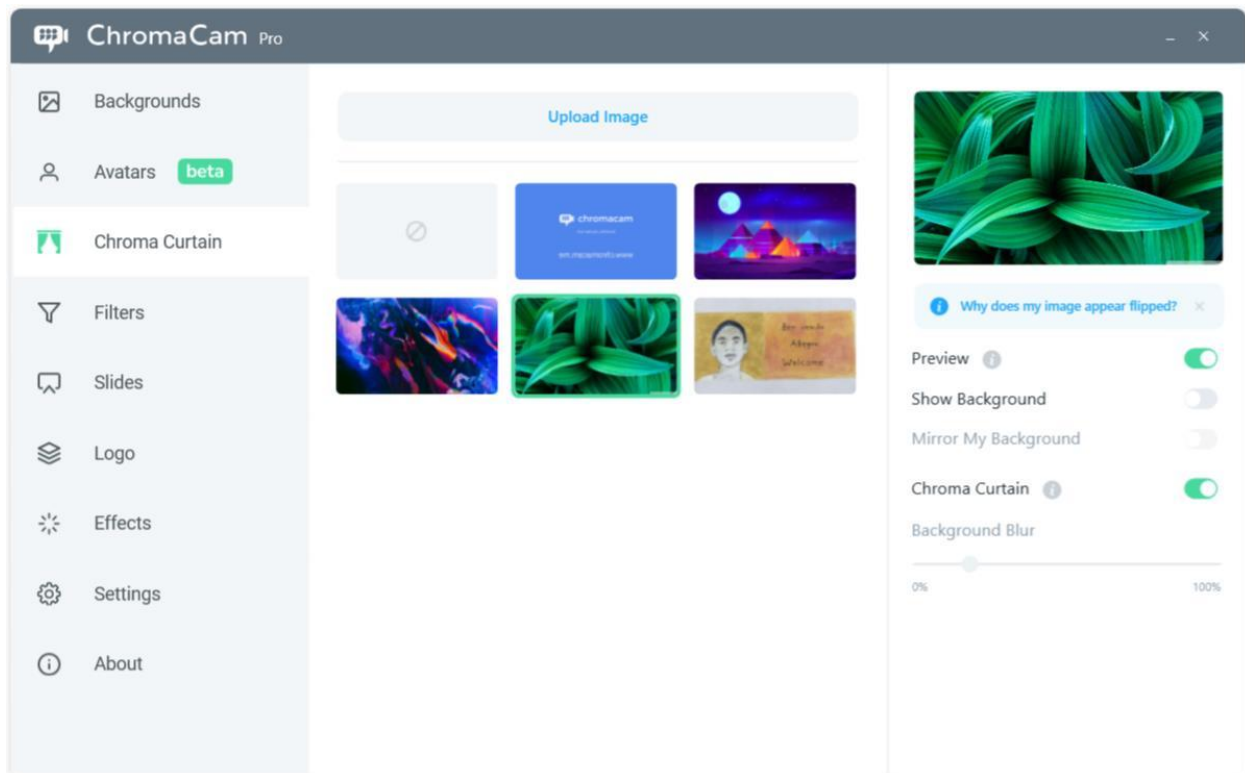
3. Export the avatar as a .vrm 3D file from the top right and save on your computer.



Chromacam Curtain

From the **Chromacam Curtain** menu, you can upload as many custom images as you want and create a collection of digital curtains to use in moments when you need to quickly hide your persona from the screen. Simply click on an image and it will immediately replace your persona

and background.

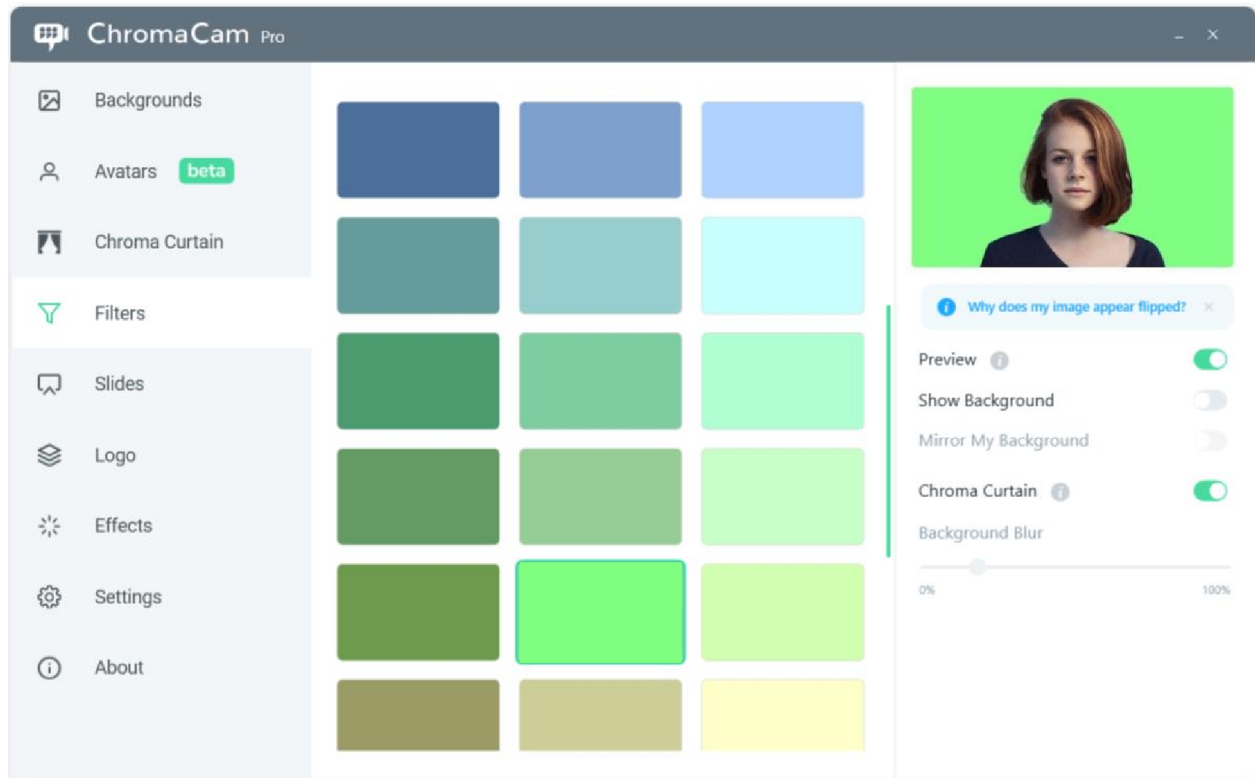


The added curtains can be removed from the collection by clicking the **X** icon that appears on hover.

Filters

From the **Filters** menu, you can blur your camera's background or change its color.

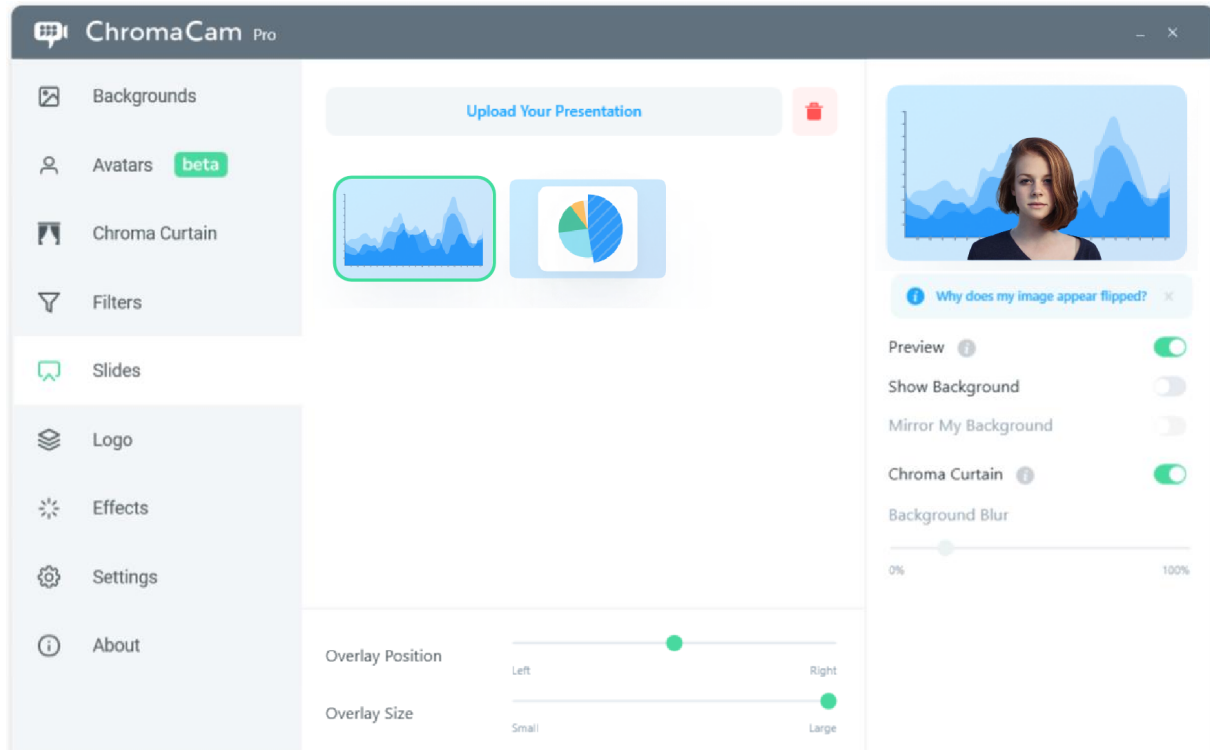
NOTE: The background blur feature cannot be used with Chromatars. It only works with the regular persona.



Slides (Pro Members Only/Lite Members Can Try a 30-Second Preview)

From the **Slides** menu, you can upload or select PowerPoint Presentations to be used as your background. The options at the bottom allow you to control your persona position and size, just like from the Backgrounds menu.

NOTE: The full-featured Slides functionality is available only for Pro users. Lite users can try a preview for 30 seconds.



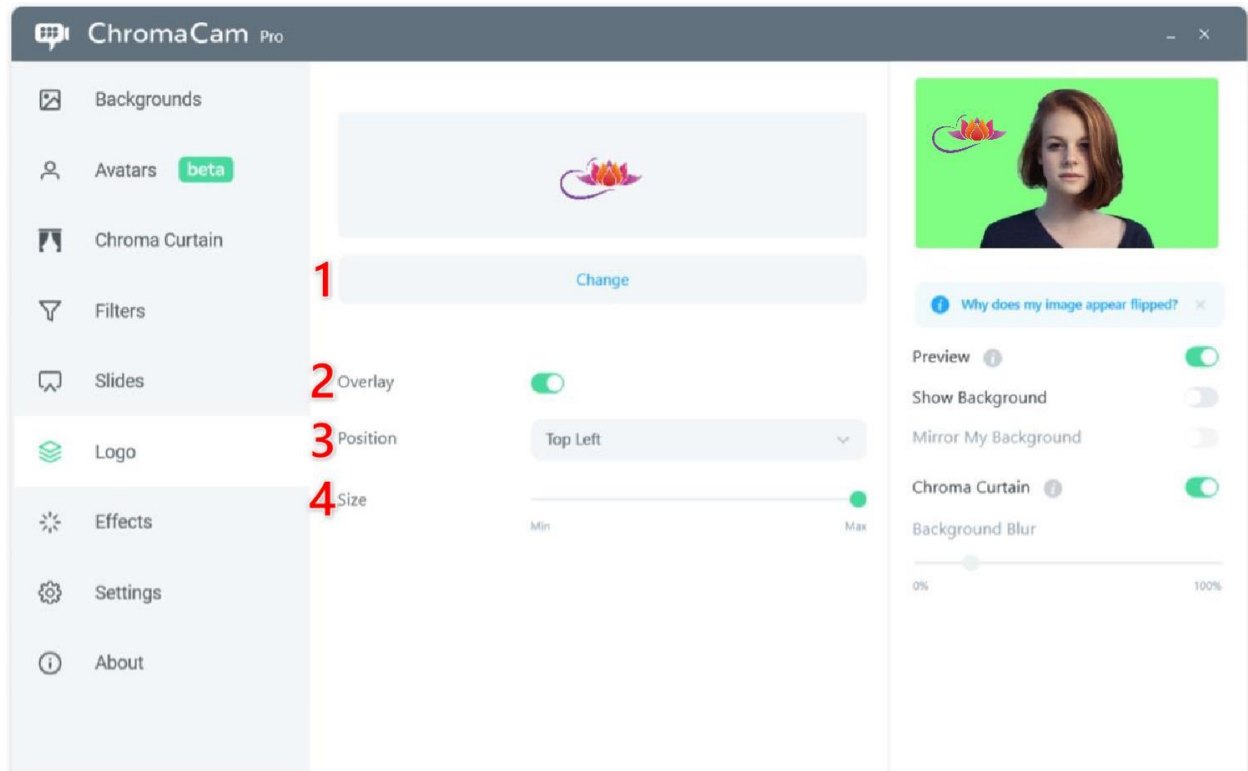
When the presentation is uploaded, you can also:

- Single click a slide to show it to your audience.
- Choose where to position and resize your persona on the screen.
- Double click any slide to see a larger preview of that slide and to enable slide show progression controls.
- Delete an individual slide by clicking on the **X** icon that appears on hover.
- Delete the entire presentation by clicking the trash icon.

NOTE: Microsoft PowerPoint software will need to be installed on your computer. At this time, ChromaCam does not support Office 365. Also, be aware that the loaded slides will be visually static. Animations and media will not play when your presentation is displayed using ChromaCam. If you are interested in that functionality, check out [Personify Presenter 4](#).

Logo (Pro Members Only)

From the **Logo** menu, you can configure the logo display in your background:



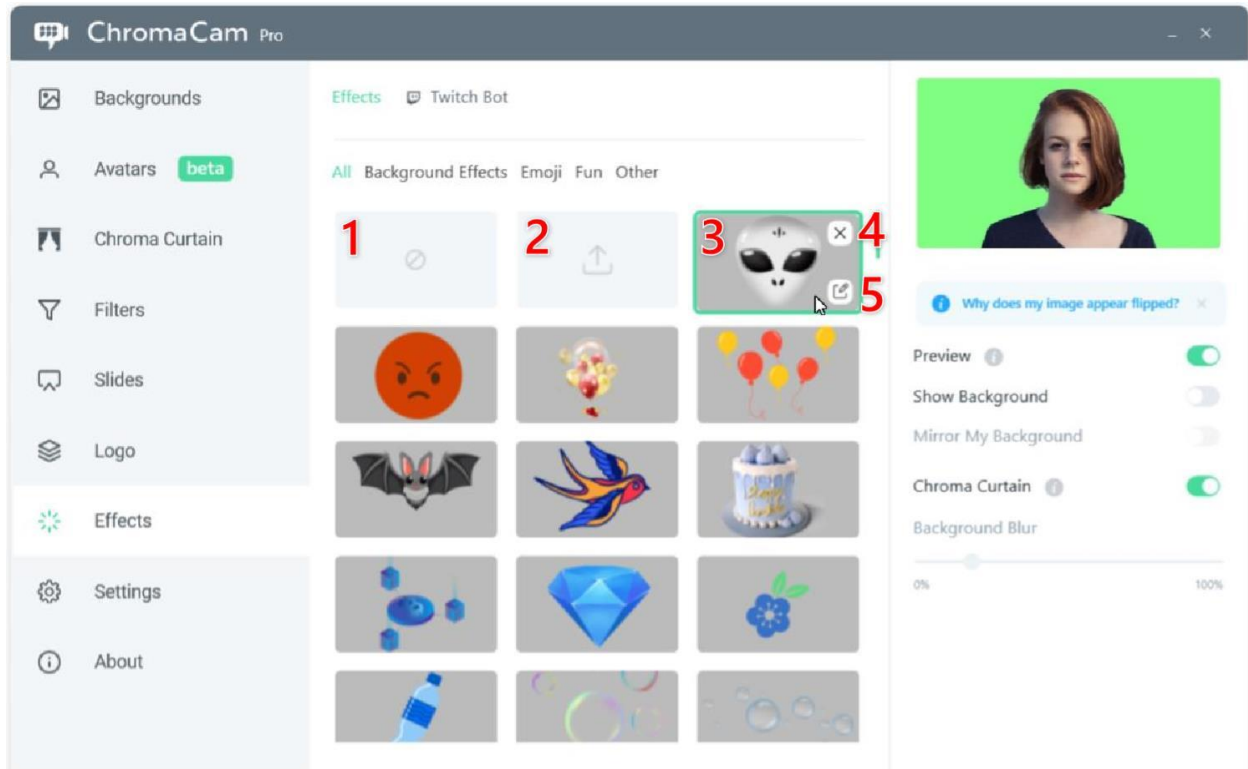
1. Change the logo to a custom one, like on the screen above.
2. Turn the logo display on/off.
3. Adjust the logo location on the screen.
4. Adjust the logo size.

Effects

From the **Effects** menu, you can switch between the Effects and Twitch Bot tabs.

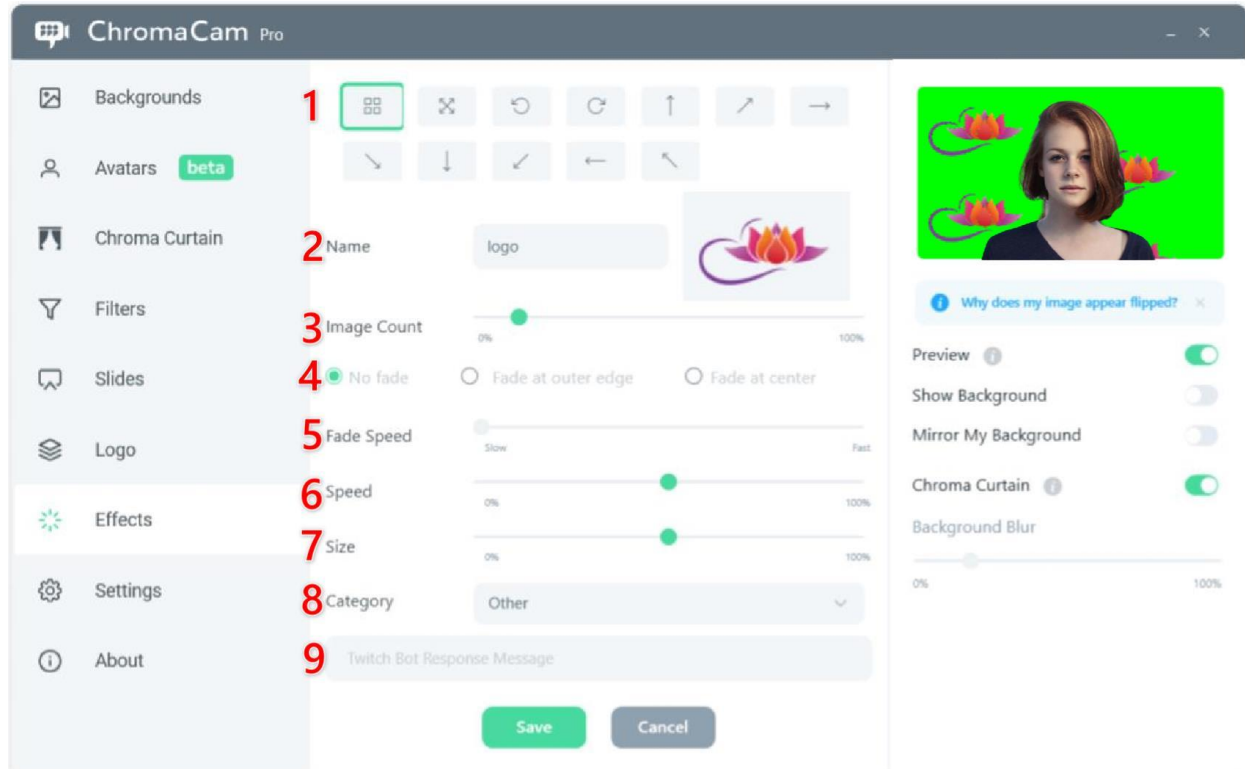
Effects Tab

This tab offers you a selection of themed icons that can be used in your background. For your convenience, they are grouped into several categories. Each of the icons can be edited to create animated effects as you wish. They can also be easily removed from the collection by clicking the **X** icon that appears on hover.



1. Turn off effects.
2. Upload new effects.
3. Choose one of the available default effects.
4. Remove the selected effect (appears on hover).
5. Edit the effect (appears on hover).

Add/Edit Screen

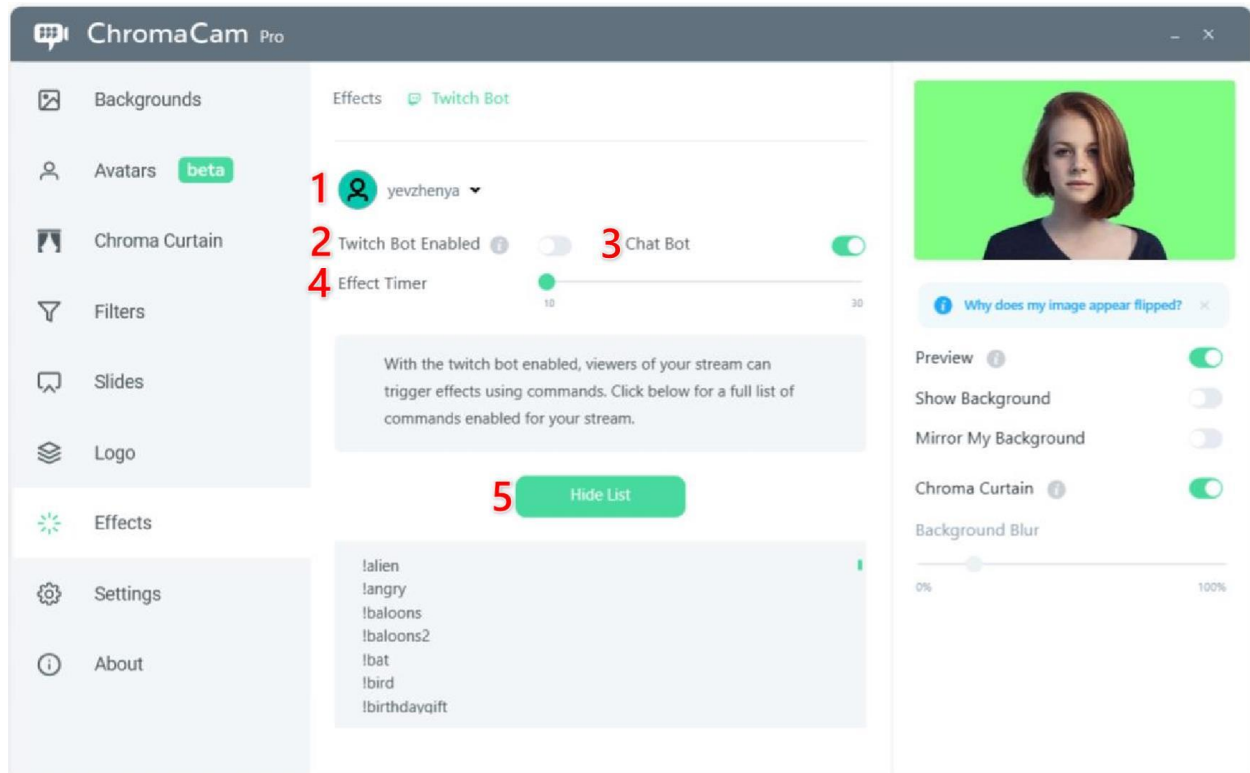


1. Select the desired animation motion type.
2. Give a descriptive name to a new effect/change the existing one.
3. Configure the number of animated objects on screen (1-50).
4. Select the animated object's fading characteristics.
NOTE: This feature works better when the objects are set to a small size.
5. Control the fade speed.
6. Control animation speed.
7. Adjust the animated object size.
8. Select a category under which you want to save the effect.
9. Send a custom Chat Bot response in Twitch Chat when a stream viewer changes your effect by using a Twitch Bot command from the enabled effects list (see the Twitch Bot tab).

Once saved, the effect will appear under the respective category.

Twitch Bot Tab

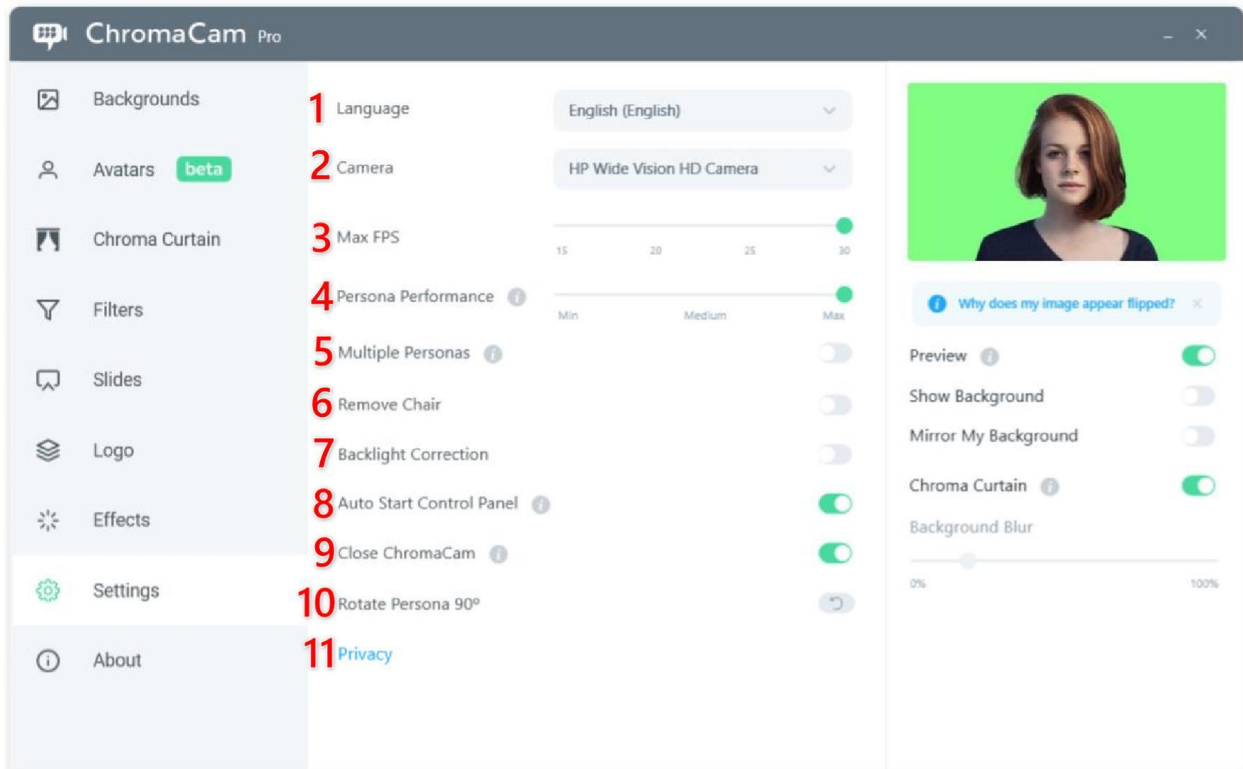
When accessed for the first time, the tab may greet you with the Manage Cookies screen. This tab allows the Chromacam user to log in to their Twitch account. By doing so, the stream audience can interact with Chromacam using Twitch Bot commands over Twitch Chat. These commands are assigned to effects that will be triggered for the amount of time set in the effects timer(4).



1. Switch to another Twitch account.
2. Enable/disable ChromaCam Twitch Bot functionality for the Twitch account ChromaCam is signed in as.
3. Enable/disable custom Chat Bot responses to be sent to the Chat user posting a Twitch Bot Effects command (see the Effects section item 9 for more detail).
4. Effect Timer will allow you to manage how long an effect triggered by a Twitch Bot command will last (3-120 seconds).
5. Show/Hide List of the effect commands that are enabled for your Twitch Bot Chat stream.

Settings

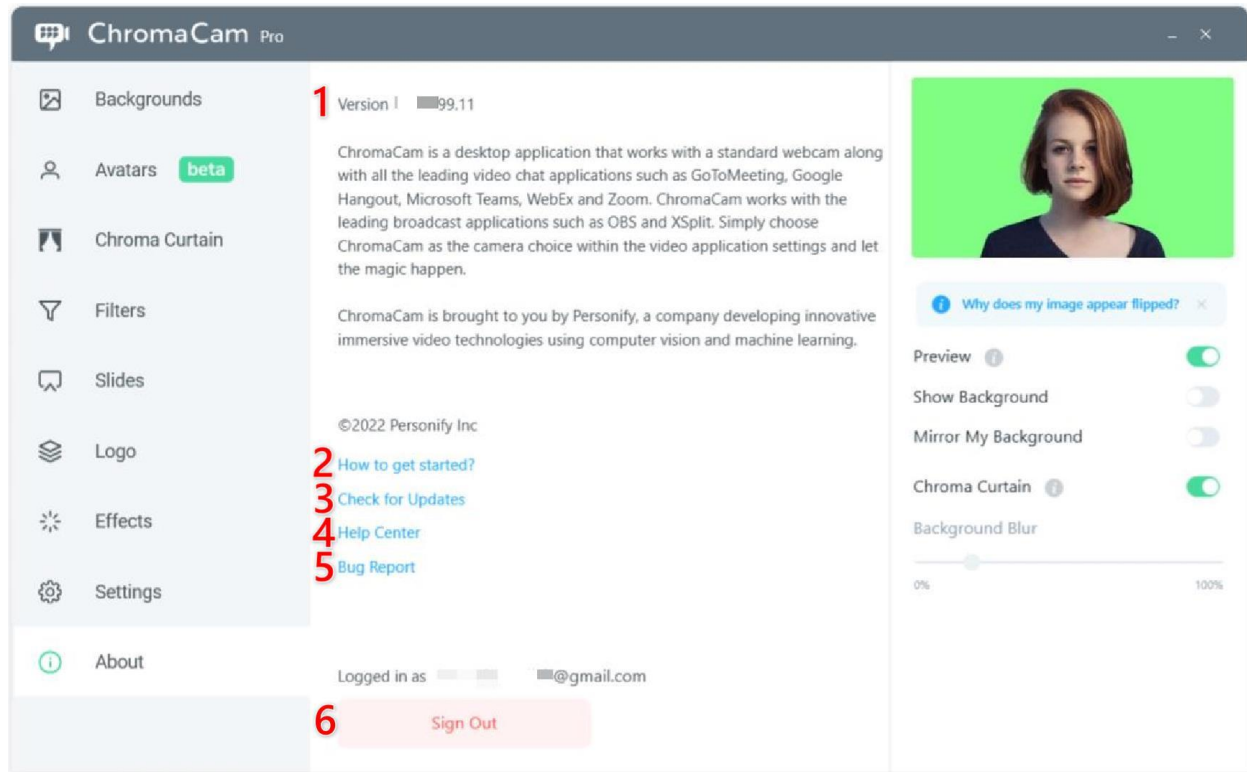
From the **Settings** menu, you can set up basic configurations:



1. Choose from a list of 15 supported interface languages.
2. Choose which camera to use with ChromaCam if you have more than one.
3. Choose the preferred number of frames per second between 15 and 30.
15 is recommended on lower performance computers.
4. Persona performance determines how much CPU power to use to create your Persona. The Max setting will provide the highest Persona quality. Medium and Min will provide better computer performance.
5. Turn on when you need to show multiple people on camera.
6. Choose whether or not you want your chair back to show along with your Persona.
7. Turn on and automatically correct the background light (*only for Logitech cameras*).
8. Set the ChromaCam control panel to launch automatically when you start your video application with ChromaCam set as a camera.
9. Reset ChromaCam connection to your camera. Use this to troubleshoot camera connection problems related to the selected camera not providing an image.
10. Rotate your persona in 90-degree increments.
11. Privacy settings:
 - Specify if you want to share your usage information to help us improve.
 - Specify if you want to share crash reports.
 - Opt-in/out of receiving promotional emails from Personify Inc.

About

The **About** menu shows you the software version or any announcements that Personify Inc. wants to share.



1. Check the version you are currently on.
2. Get quick hints on how to use ChromaCam.
3. Check if you have the latest major version.
NOTE: Minor versions may not be available by checking for updates. They are available from the [version history download webpage](#).
4. Proceed to the Support page.
5. Submit a bug report with Personify Support by filling out the form.
This will allow the Support Team to see details about your computer's ChromaCam software status. This will aid in troubleshooting problems. When you file a bug report, the Support Team will receive a support ticket and reach out to help.
6. Sign out of your ChromaCam account.

Minimum Hardware Requirements

The link below will take your browser to our FAQ showing the minimum hardware requirements.

https://support.personifyinc.com/s/article/what-are-the-minimum-hardware-specifications-to-use-chromacam?language=en_US