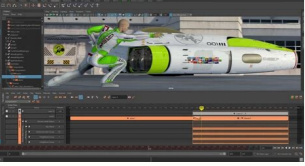


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Create dynamic title animations, impressive intros & outros, lively decorative elements, as well as chapter and DVD menu titles. Animation is one of the most prominent visual art forms of the modern era. An animator needs to understand the composition of motion and rendering tools as animation requires a profound knowledge about 2D and 3D models. The main point is to convey the message and have the aptitude to tell stories. In this article, we offer you an overview of the 3D animation programs available in the market. In case you are more inclined to traditional programs, we have included 2D animation programs. Here is a compilation of 15 best free options of animation software programs, including 2D and 3D animations for Windows and MAC. 18 Best 3D Animation Software with Motion Capture and Keyframe Animation 2022 Product Name 3D Animation Software Price Free Trial Beginner's Friendly OS Blender Blender is free 3D animation software for PC Available Tutorials available on its website regarding how to use the software. Mac OS X and Windows Poptown Price starts at about \$1135 per month Available Poptown 3D animation software for beginners offers step by step video tutorial over how to get started. Windows, Android, iPhone/iPad, Mac, Web-based Source Filmmaker Free 3D animation software Available in the beginning it is going to be tough but with time and practice, you can master the skills required for using this free 3D animation software. Windows (Steam) Autodesk Maya Pricing plans start at \$11,065 per month Available Auto Desk Maya offers a powerful 3D package, which is not very easy to learn. Windows, macOS X, RHEL, and Fedora. Toon Boom Harmony Pricing starts at \$925 per month 21-day free trial Toon Boom has been designed for professionals in the field of animation and has industry standards attached to it. Windows, macOS X, Web K-3D K-3D is free 3D animation software for Mac Available Built on popular rendering motor 'Motorman' K-3D is good free 3D animation software for beginners also. Windows, macOS, source code (for developers) VideoScribe by Sparkol Monthly Plan starts at \$1245 7-day free trial Short video tutorials available on the website of the software for turning a blank canvas into beautiful animation. Web-based, iOS, Android, Windows, macOS X Biteable Premium plan for around \$570 a month. Unavailable Biteable is simple to use and absolutely beginner friendly. Online, macOS X, Windows KeyShot KeyShot is not only easy but also the fastest 3D rendering animation software. Cloud, SaaS, Web, macOS X Windows OpenToonz Free 3D animation software Available OpenToonz is a beginner friendly 2D animation software. Windows, macOS X Animaker The Startup plan starts at about \$1350 per month Free plan is available for individual users. Animaker software is easy to use and end users can take help of video tutorials to further ease the learning curve. Cloud, SaaS, Web Synfig Studio Free 3D animation software for beginners. Available Synfig Studio offers professional edition for developing high quality animation content. It is more friendly to those with the prior knowledge of animation making software for pc. Windows, Linux, and macOS X Pencil2D Pencil2D is a free animation software for beginners Available Pencil2D is simple in design and easy to use. You also get access to multiple instructional videos for learning how to use the software. Windows, Linux, and macOS X Toontastic Toontastic is an easy to use free 3D animation software solution Available Toontastic is a story telling application, specially designed for kids. It's a great 3D animation software for beginners. Android; iOS Animation Desk Free 3D animation software Available Animation Desk has an intuitive interface with good number of pencil sketching and pencil test animation tools that make it one of the best 3D animation software for beginners. Android, iOS, Mac and Windows Aurora 3D Animation Maker It's a free animation software for PC with 3 paid support plans based on the number of units. Available This animation software for PC is beginner friendly. Windows 7, 8, 10 (32-bit and 64-bit) & Mac OS Mixamo Free animation software for PC Available Ideal animation software for professional game developers. Windows and Mac Adobe After Effects Buy the software at a price of around Rs 31109 per year on Techjockey. Available for a seven-day period Adobe After Effects offers video tutorial support under two different categories - Experienced Beginners Select the Beginners option for learning the tricks of the trade. Windows 7/10 (64-bit) and Mac OS version 10.13, 10.14, 10.15 Rive Two paid plans are available. Yearly plan at Rs 1030 and a monthly plan for Rs 1545 Available Rive is a powerful animation app preferred mostly by developers and designers. There are good number of video tutorials available to help beginners understand how to use the product. Windows/Dar Studio/Dar Studio animation app for PC is available for free of charge. Available/Dar Studio offers fast animation processes that are more ideal for professionals and experienced users. Windows 7, 8, 10 & Vista (32 bit and 64 bit). It also supports Mac OS X 10.6 and above for 32 bit as well as Mac OS X 10.7 and above 64 bit Nowadays most animation software is compatible with multiple devices. PCs, with operating systems such as Windows and Linux, are compatible with most of the best animation software. Here are some of the animation software solutions that are compatible with PCs. #1 of 18 Best Free Animation Software for PC 2022 Best for sculpting, rigging and scripting Blender animation is a 3D animation software, open-source and free in nature. It is comprised of critical tools like simulation, modelling, video editing, motion tracking, compositing and rigging for making 3D animations. Inbuilt also are these options for animation pipelines in 2D format. Aside from tools for rotating camera at 360 degrees, panning and tracking tilting, there are also available in Blender features for doing object tracking. The Python API helps with customizing the user interface for quick navigation even while you work on different projects. Blender has been created in such a manner that both beginners and expert animators can work on it effortlessly. Key Features: High-end production path tracer for realistic rendering/Designed for powerful animation/Industry-standard realistic simulation/Customizable user interface. Pros Blender is apt for animation and has quality skinning, fluid simulation, smoke simulation, rigging, soft body simulation, particle simulation, and match moving features Video editing and composition are also performed seamlessly in Blender/Develop video games, with the help of Blender's integrated game engine Perhaps one of the biggest pros of Blender is its addons: this software is seamlessly customizable. Cons With so many incredible features, Blender can sometimes be overwhelming Like other advanced animation software, it takes some learning and training when it comes to getting the hang of Blender. Pricing: Blender is a free and open source 3D animation software. Platforms: Windows, macOS X. Best for doing advanced animations like CGI animation #2 of 15 Best Free Animation Software 2022 Poptown is a web-based animation video and presentation software, which provides animators a cloud-based platform on which they can create animations for several different purposes such as online advertisements, presentations, informative videos, video guides, tutorials, and manuals. This 3D animation maker online has a user-friendly interface with the help of which animations can be created and shared easily. This free animation maker also provides features to create, save, and share animated videos with the help of Google Drive. Poptown animation software provides various presets and tools such as clips, images, voice-overs, soundtracks, and sound effects to assist animators in different projects. Key Features: Download completed videos as MP4/Privacy Control/24x7 Priority Support/Commercial Use Rights/Third-Party Resell Rights/Upload Custom Fonts/Advanced Animation/Royalty-Free Libraries Pros Easy to use/Produces very professional looking videos.Excellent tool for presentations, automatic storage, easy handling/Easy to use A lot of tools and features available. Cons The free version can be updated to include new features/Interface can be worked upon further Pricing: Poptown pricing has a free plan and four paid yearly subscription options: Starter at about \$1135 per month, Pro at about \$1348 per month, Pro+ at about \$4186 per month, and Agency at about \$7025 per month. Platforms: Windows, Android, iPhone/iPad, Mac, Web-based #3 of 15 Best Free Animation Software for PC 2022 Best for making animation VFX films or comedy sketches with characters This is one of the most exciting 3D animation programs available on Steam game engine. This free animation maker lets animators create a movie inside the game engine. This free animation software for windows uses all the different assets present in the game. So that the assets of the game can be configured by SPM in the movie and vice versa. Key Features: Instant rendering and preview/Completely free to download/Manages entire workflow needed to make a movie into one single system/Virtual movie set with lighting, characters, props and cameras Pros Easier to learn/Effects and lighting are already there and easy to set up/has a steam workshop Cons Not all animation tools/Tutorials are limited/Requires a powerful PC for rendering and exporting/Pricing is not updated enough. 3D Animation Software 2022 Best for doing powerful texturing and simulation 3D animation software Maya is one of the leading free animation making software for PC in the market with industry-standard animation quality. Maya is best used for adding animation and visual effects into commercial movies. After attending a basic course, using the software is much easy and hassle-free. Maya 3D animation software is for not just commercial movies but also video games, tv series, etc. Key Features: Inbuilt procedural effects/Ready-made graphs/Bifrost Fluids/Interactive hair grooming/Deep adaptive liquid simulation/Bifrost Ocean Simulation/System Maya n Cloth/Bullet Physics/Cached Playback Pros Maya with its free form approach for 3D modelling helps with applying modelling layers in a hassle-free manner.Modelling organic characters and rigging can be completed with ease using built-in poly tools set in Maya.It also provides intuitive and powerful tools for creating 2D characters, realistic images, or sci-fi content, you can create all types of animation videos using one of the best 3D animation software. Cons The dreaded learning curve of 3D. It's here in Maya, too. The node editor can be cumbersome to work with at times/Scene hierarchy needs more work. 3D Animation Software Price: Maya is free animation maker for students and educators. For other animators, Maya also offers a free trial for these plans: Monthly at \$11,065, for 1 year at \$87,668 and for 3 years at \$2,36,619 Platforms: Windows, macOS X, RHEL, and Fedora. #5 of 18 Best Free Animation Software 2022 Best for drawing 2D animations Toon Boom Harmony is a user-friendly 3D animation software for beginners and pros that helps create art pieces, storyboards and short animated clips. Although the software might look complex in the beginning, it provides a gamut of different tools to explore creative roads. It offers vectors as well as bitmap tools for projects. Key Features: Revolutionary vector and bitmap drawing technology - Brush Engine/Advanced colour palettes and paint options/2D and 3D integration to make professional animation/Cut-out animation tools/Simple five-step interface with many DIY features/Unlimited downloads, hosting, and creation/Extensive library of audio and visual elements including soundtracks/ Cons Features are basic/The interface is limited to whiteboard style videos drawn with a hand/Watermark cannot be removed in the free version 3D Animation Software Price: Toon Boom harmony provides 21 days free trial after which, it offers three annual plans - Harmony Essentials at about \$925 per month, Harmony Advanced at \$2350 per month, and Harmony Premium at \$4330 per month. Platforms: Windows, macOS X, Web. Best Free 3D Animation Software for Mac MAC is considered to be the ideal device for animation due to its robust configuration and seamless rendering capabilities. In fact, some of the top Hollywood film production houses use 3D animation software for MAC for their animation requirements. Here are some free animation software solutions for MAC. #6 of 18 Best Free Animation Software 2022 Best for 3D modelling and animation K-3D is a 3D-modelling and animation making software that combines built-in plugins with a visualization pipeline architecture to provide a flexible yet powerful platform for animation artists. This free 3D animation software allows users to create unique combinations in their work. K-3D offers several features to make an artist's work as easy as possible. Key Features: An advanced undo/redo function/Properties that can be adjusted interactively/A node-based visualization pipeline. Pros It provides a robust pipeline architecture/Provides a plethora of inbuilt plug-ins/Cons UI can be improved upon/New updates would enhance the experience. Pricing: It's a free 3D animation software for Mac. Platforms: Windows, macOS, source code (for developers) #7 of 18 Best Free Animation Software 2022 Best for drawing whiteboard animations VideoScribe by Sparkol is one of the best whiteboard animation software programs available in the market. VideoScribe 3D animation software for Mac offers users efficient tools to create, upload, and edit videos with the help of its cloud-based services that can be accessed from anywhere. Key Features: Premium images/Import music & fonts/Work offline/Save project online/Record voice-over/image library/Publish to web/Video resolution options/Royalty-free music collection Pros Every option gives you access to the full program/Option to purchase the program outright/Simple five-step interface with many DIY features/Unlimited downloads, hosting, and creation/Extensive library of audio and visual elements including soundtracks/ Cons Features are basic/The interface is limited to whiteboard style videos drawn with a hand/Watermark cannot be removed in the free version 3D Animation Software Price: It offers a free 7-day trial, after which it offers three plans: Monthly Plan for \$1245, Yearly Plan for \$1545, Quarterly Plan for \$470. Platforms: Windows, macOS X, iOS, Android, Windows, macOS X #7 of 18 Best Free Animation Software 2022 Best for adding studio-quality effects to animation & VFX Biteable is one of the most user-friendly and straightforward 3D animated video creator software that can be used for several purposes. With Biteable, animators get tools for adding colours, texts, photos and sounds in videos in a drag-and-drop template. Key Features: Provides a specialty template for animating logos, creating high-quality presentations and slideshows with incorporated video elements 85,000 footage clips available in its database Share projects on YouTube, Facebook, Twitter Pros Provides customizable branding options/Access to its extensive media library/Social sharing options/Offers templates and text overlays. Cons Doesn't offer collaboration tools/Drag & drop options aren't available/Lack of privacy options No voice-over or background score options available Pricing and Plans: There are two primary plans available for Biteable. The free version allows you to create five projects for monthly use. On the other hand, a premium plan is about \$570 a month, offering the option of HD quality shares and unlimited uploads. Platforms: Online, macOS X, Windows #9 of 18 Best Free Animation Software 2022 Best for making 3D renderings in real-time KeyShot is an easy-to-use 3D rendering and 3D animation software programs that allows animation artists to create from simple models to sophisticated and visually stunning projects. One of its best features is that it provides real-time 3D rendering, which displays results as soon as it is finished. This decreases the time taken to create and complete the project. Apart from this, KeyShot provides several other features for animation and 3D rendering. Key Features: Tools for both 2D and 3D animation/comes with HDRi lighting for enhanced illumination and adjustment of an object or a scene/Virtual camera layout for the simulation of physical camera behaviour/Dynamic virtual mapping for the simulation of a site/Focused caustics to ensure objects and scenes are suitably lit. Pros Suitable for creating fast, accurate and amazing visuals. Featuring a real-time 3D rendering workflow/Cons Doesn't provide in-built templates and raster workflows. Cons It doesn't provide a shape tool through which animators can draw shapes. Price: It's a free 2D animation software Compatibility: Windows, Linux, and macOS X Free 3D Animation Software for Android With support from the best Android application software, end users have this option of creating animated sequences with ease. Free 3D animation software for Android can be used easily on smartphone devices. Here are some of the best 3D animation software free: #14 of 18 Best Free Animation Software 2022 Best for creating 3D characters The top 3D animation software, Toontastic, designed by Google Android and iOS users, provides a friendly user-interface to help and friends Pros It is FREE and easy to use/Encourages imaginative play/This best animation app for PC is exciting, engaging and motivating for elementary age children/Allows to share story online/Unlimited choices to animate Cons Hard to record in groups/Mood music overpowers character's voices/No pre-planning or brainstorming prior to creating story. Animating the characters and editing needs performance, some may find it difficult No text tools provided. Pricing: It is free and easy-to-use 3D animation software for Android. Platforms: Android and iOS #15 of 18 Best Free Animation Software 2022 Best for making storyboard animations and frame to frame animations Animation Desk is another 3D Animation software for Android that enables animators to create cartoons and animated stories on smartphones. It is a user-friendly software application where users can seamlessly create animation videos from scratch. It lets animators create artificially rendered graphics videos, PSD layers. One of its best features of this best animation software for PC is to allow the import external clips and photos to your project as a layer layered form. Key Features: More than 45 different brushes help to make unique animation in various forms.Lets users turn drawings into animations on their iPads Specially designed keeping students and amateurs in mind/Supports four frame rates (or FPS, frames-per-second) from 3FPS to 24FPS and includes pre-loaded dynamic or static backgrounds/Optimized for use with Adonis, Ten One Design, and Hex3 styluses. Pricing: It's 3D animation software free for Android Platforms: Apart from Android, it is also available on iOS, Mac, and Windows Best Free 3D Animation Software for PC #16 of 18 Best Free Animation Software 2022 Best for color toning & 3D character design Use Aurora 3D Animation Maker for drawing stunning animations. Manage the length, playback and speed of all your animations with this best 3D animation software for PC and mobile. GIFs, image sequencing or designing web banner, you can perform all these design tasks successfully with Aurora 3D drawing software. This 3D animation software for PC further helps add amazing special effects to text and logos. Professionals use the best animation software for PC to design web pages, edit videos and give limitless particle effects to their works. Key features of Aurora 3D Animation Software: Key frame animation for controlling different aspects of animation.Particle effect for adding splendid effects to animated videos.Internal animation style through actions such as fade, swing, rotate, beat and pulse.3D manipulator for controlling the positioning of objects.Animation templates for drawing 3D title animation. Pros: Quickly create eye catching animations even if you are not trained at using any 3D animation software.Intuitive interface that offers multiple templates for creating animations from scratch.Simple to use and free hand shape tool for giving shapes to objects.Use the software for multiple purposes such as creating movies, websites or presentations. Cons: Doesn't support video rendering Pricing: Windows and Mac OS #17 of 18 Best Free Animation Software 2022 Best for drawing skeletal rigs Cartoon characters, realistic images, or sci-fi content, you can create all types of animation videos using one of the best 3D animation software for PC, Mixamo. Give life to all your animated video characters in illustrations and graphic art with this 3D animation software. Sliders built-in within the software help with slowing down or speeding-up of animations for giving a closed/open appearance to animated objects. The software is also the best for developing professional-quality illustrations, games, movies, 3D characters and rigs. Key Features: Automatic character rigging for uploading custom character.Motion captured animations for controlling how each motion looks and feels.Export option for downloading characters in multiple formats.Requires no coding hassle. Pros: The software is best for quick prototyping or developing production ready assets. It is easy to create customised characters using the software. Rigging tool is very easy to use and offers pretty quick results. Cons: Not suitable for working on mobile devices. Pricing: Mixamo is a free 3D animation software that does not require any monthly or yearly subscription. Platform: Windows and Mac #18 of 18 Best Free Animation Software 2022 Best for adding visual effects to motion graphics Adobe After Effects 3D animation software designed to add motion graphics and other kinds of visual effects to videos. You can also add dynamic movement to objects and interesting expressions to make the content livelier. The 3D animation software Adobe After Effects offers inbuilt tools for creating rich videos with neon signs and underwater videos. The tool is further helpful in removing large objects. The motion blur feature of this best animation software for PC is quite useful in giving a realistic feel to video content. Key Features of Adobe After Effects 3D Animation Software: Use this animation software for PC to draw complex shapes/It is easy to refine edges with the Roto brush selection/Content aware fill option for removing unwanted parts from a video/Luma matte and make for cutting objects as well as creating a transparent background/Helps position 2D layers in a 3D space Pros: This 3D animation software helps create outstanding transition effects/It is easy to track objects for inserting animations/Adobe After Effects is one of the best 3D animation software for PC, as it integrates well with other Adobe applications. Precise tools are attached with the platform for developing good quality motion designs. Cons: Timeline interface can be problematic at times. Platform: Windows 7/10 (64-bit) and Mac OS version 10.13, 10.14, 10.15 Price: Adobe After Effects CC is available for \$31109 at Techjockey for one user per year. Best Free 3D Animation Software for Beginners Best for character rigging & 3D character animation Create animated icons, game characters, onboarding screens and sophisticated interactions with Rive animation app. The 3D animation software freely lets you do regular modifications and iterations in a hassle-free manner. Thus, you don't have to create any codes for building such designs. The free 3D animation software helps with not just doing runtime manipulations but also animating all kinds of objects, mechanic or organic. One of the most robust features of Rive animation software is animation mixing that allows for blending and layering of 3D animations. Key Features of Rive Animation Software: Online application to make remote access super quick/Forking capabilities for sharing files/Automated revision history/Skeletal animation for transforming vector/raster images/Vertex and meshes deformations/Trim path for motion effects/PSDs import for drawing order and preserving layers Pros: Real-time collaboration support for teams to check how assets get rigged/Support for vector graphics that helps with developing resolution-independent animations/Interactive animations consume less space/Easy to change the speed of an animation anytime the need arises/Option for connecting data with graphics makes it easy to change colours and swap images Cons: Bug issues while doing SVG imports/Documentation processes not fast enough Pricing: Rive currently has two paid plans available. They are - • Yearly plan at Rs 1030 • Monthly plan for Rs 1545

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