

such drinks actually leads to exhaustion irritation, insomnia, depression, nervous, breakdown. *Energy drinks* are fine when consumed in moderation.

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### **AFFINITY DESIGNER**

Nowadays we're living in the world of technologies and you can never be sure when and what knowledge will be useful for you. It occurs that it doesn't matter what profession you have, because one day you'll find out that you need to do something that is not involved into the sphere of your professional skills, but you have no idea how to do it. And it even doesn't matter who you are: a programmer, a designer, an engineer, a manager or a teacher. As my future profession is connected with web-design, so I need to know a lot about various programs, especially graphic programs that are based on creating vector illustrations. So I've analyzed such programs as Adobe Illustrator, Sketch, CorelDRAW, Photoshop and came up to the conclusion that Affinity Designer is an app both for vector and raster designing. Affinity Designer is easy, super-fast and intuitively understandable. Everyone who has ever opened a vector program will be able to start creating using AD faster than ever. If you're working on branding, concept art, print projects, icons, UI, UX or web mock-ups then this software offers a decent alternative to Adobe Illustrator or Adobe Photoshop and Sketch. It won the Apple Design Award in 2015.

Whenever words like "vectors", "illustration" or "creative professionals" are used, Adobe's creative suite of apps are probably one of the first set of tools that comes up to your mind. For any application its UI is crucial to its success or failure. However, if you take a look at Illustrator or Photoshop their user interface isn't that comforting for beginners. This is exactly where Affinity Designer makes its first big impression. The user interface of Affinity Designer is everything you'd expect from a modern app. While there is a big similarity with the workspace from Illustrator, the user interface is more beginner friendly and very intuitive. The software takes a more visual based approach rather than features being hidden deep inside menus.

The way we interact with software is increasingly changing. With the advent of touch based interactions on our smart phones and tablets, track pads on notebooks have become a common interaction mechanism. It's

great to see that Affinity Designer is based on these interactions. When you drag the object in different drop zones the app shows you live preview of what a clipping mask or layer mask will look like. This feature gives beginners more opportunities to get the right results while spending less time on achieving it.

Even the layer blending modes have received gained live previews. Scrolling through different blend modes such as overlay, multiply, soft-light etc. will show you a live preview of what your design will look like so that you can make better choice quickly. This feature once again shows that the developers have paid close attention to the details.

Affinity Designer comes with all the standard pen and shape tools to complete complex vector and pixel-based artwork. With the persona toolbar – which divides vector, pixel and export tools into three separate sets – users can switch between tool sets without interruption to workflow.

The persona toolbar is a key concept and a feature that differs Affinity Designer from other apps. Personas are used to easily and quickly switch between sets of tools and functions, based on what your objectives are. There are three personas: Draw Persona, Pixel Persona, Export Persona.

Draw Persona is all about vector drawing however, you are greeted with a pleasant surprise when you click on Pixel Persona. The app brings pixel brushes, selection and effects like smudging, blurring, erasing vector brushes, sharpening and more to a vector drawing app. Do you want to apply a grunge brush to your vector art? No need to switch the app you are using: Affinity Designer can handle both.

One of the favorite user's features from Affinity is the ability to switch from draw persona to pixel persona, allowing working in both vector and raster formats within the same file in just the click of a tab. This is particularly useful when working with images and illustration work.

Once you're done creating your graphic design you can use the export persona to export your design. Another great ability of AD is continuous export, once selected it automatically updates the exported file in the specified format and setting even as you continue to make edits and design decisions. It's great to know that your final artwork folder will always contain the latest file no matter how many times you choose to make changes.

Another huge upside is the ability to import and export projects from Photoshop and same thing vice versa. This way you can still work with a team of designers who are not using Affinity Designer.

Affinity Designer's gradient and transparency tools allow you to apply multiple gradients in an intuitive manner without the need to open any

dialogue boxes. And what's also important: you can instantly apply the gradient tool for a several objects.

Experimenting can only be fun if you can undo and get back to previous state in case you don't like the changes. Affinity Designer features a modern take on undo function: you can slide through more than 8000 steps of history, so there will never be a moment where you feel that you messed up your file.

If you are a beginner, I would recommend you to start right here with Affinity Designer. If you are a pro user, give Affinity Designer a try (trial available) and you won't regret it. According to its relatively low cost (you'll spend at least in four times more at the annual subscription for Adobe Illustrator). For now, Affinity Designer is available for worldwide purchase on Mac OS and Windows only. There are trial versions available to download both for Mac and Windows. At the moment the developers are creating the app for Ipad.

Affinity Designer features a 1,000,000% zoom – Which means that it can handle working on very large documents without losing speed. It is a very useful tool when it comes to working on projects that have a lot of detail and large canvas dimensions.

I've tried a several programs including Adobe Photoshop, Adobe Illustrator, CorelDraw, Sketch and Affinity Designer. All these programs have their own unique features, but I think that AD is the most convenient one. It is pretty easy and has a lot of capabilities to make the work of the user way faster and pleasurable. Affinity Designer brings a fresh breath of air to the traditional vector drawing applications. In terms of function and style, it is an impressive, low-budget alternative to Adobe Illustrator. It's suitably simple for beginners to use as a learning tool but sufficiently powerful for freelance graphic artists on a budget.

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### **MODIFICATOINS OF CARBON**

When you look at the periodic table, you see a lot of letters, some numbers, different colors, and areas divided into rows and sections. There is one element on the periodic table that stands out above and beyond others, an element you should be greatfull for it's discovery! That element, of