Vectors Sizes

Vectors are scalable graphic designs that are formed by connected points and math formulas. Considering that you have creative freedom for deciding the vector size, it is also essential to make them into usable sizes ahead so these files can be rendered anytime, and you can do that by applying these standard vector sizes.

Vector Sizes Standard

Standard Design Elements Vector Sizes

Standard sets of design elements refer to creating an icon, logo, letterhead, word art, or any pattern in a vector file format. The standard design elements' vector sizes range from 1000 x 1000 px (minimum) to 4800 x 4800 px (maximum).

Scenes and Illustrations Vector Sizes

Vector graphics involving cartoon characters, scenes from 2D animations, and digital artwork in general fall under the scenes and illustrations category. The scenes and

illustrations' vector sizes would measure around 1200 x 1200 px (minimum) down to 4800 x 4800 px (maximum).

Small Print and Digital Designs Vector Sizes

Small print designs (such as a postcard, bookmark, business card, or nametag) and small digital designs (such as a small advertisement, social media set, or mobile user interface) both follow the same minimum and maximum vector sizes. The small print and digital designs' vector sizes would be from 1000 x 1000 px to 3600 x 3600 px.

Large Print Designs Vector Sizes

Larger print layouts need to look as crisp as possible and vector files can make that happen such as in crafting a big flyer, envelope, poster, banner, or any large sheet of paper. The standard large print designs' vector sizes would be a minimum of 2400 x 2400 px and a maximum of 4800 x 4800 px.

Large Digital Designs Vector Sizes

A desktop user interface, large advertisement, website layout, web column, large digital chart, and other large digital designs have the best variety of scalability among vectors. The large digital designs' vector sizes measure about 1200 x 1200 px (minimum) to 7200 x 7200 px (maximum).

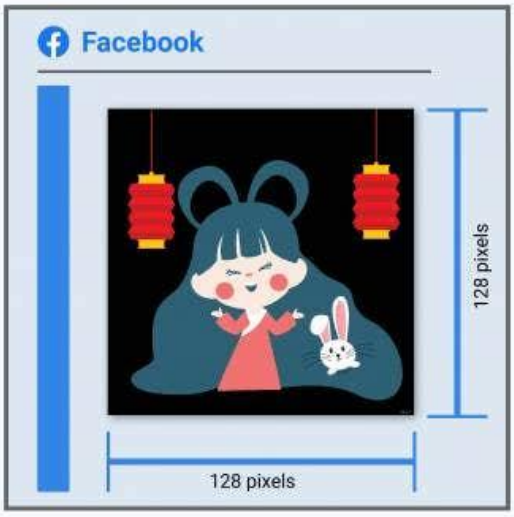
Vector Sizes for Digital

Facebook Vector Sizes

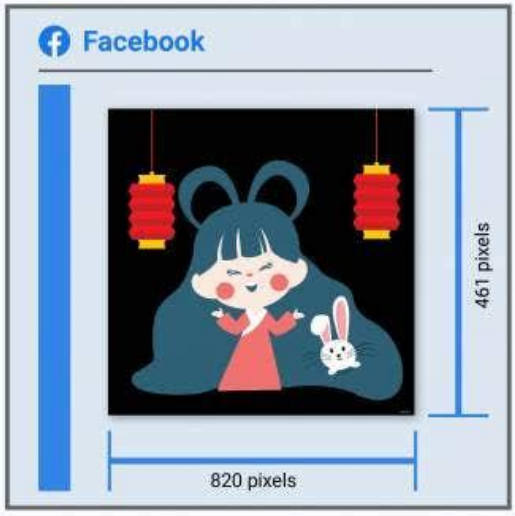
No matter what size of vector file you need to post on Facebook, a tip is to simply adjust to Facebook's recommended aspect ratios per category for stellar results. The standard Facebook vector sizes to consider are the profile picture (128 x 128 px or 1:1), cover photo (820 x 461 px or 16:9), and feed advertisement (1200 x 628 px or 9:16 to 16:9).

TEMPLATE.NET

Facebook Vector Sizes



profile picture

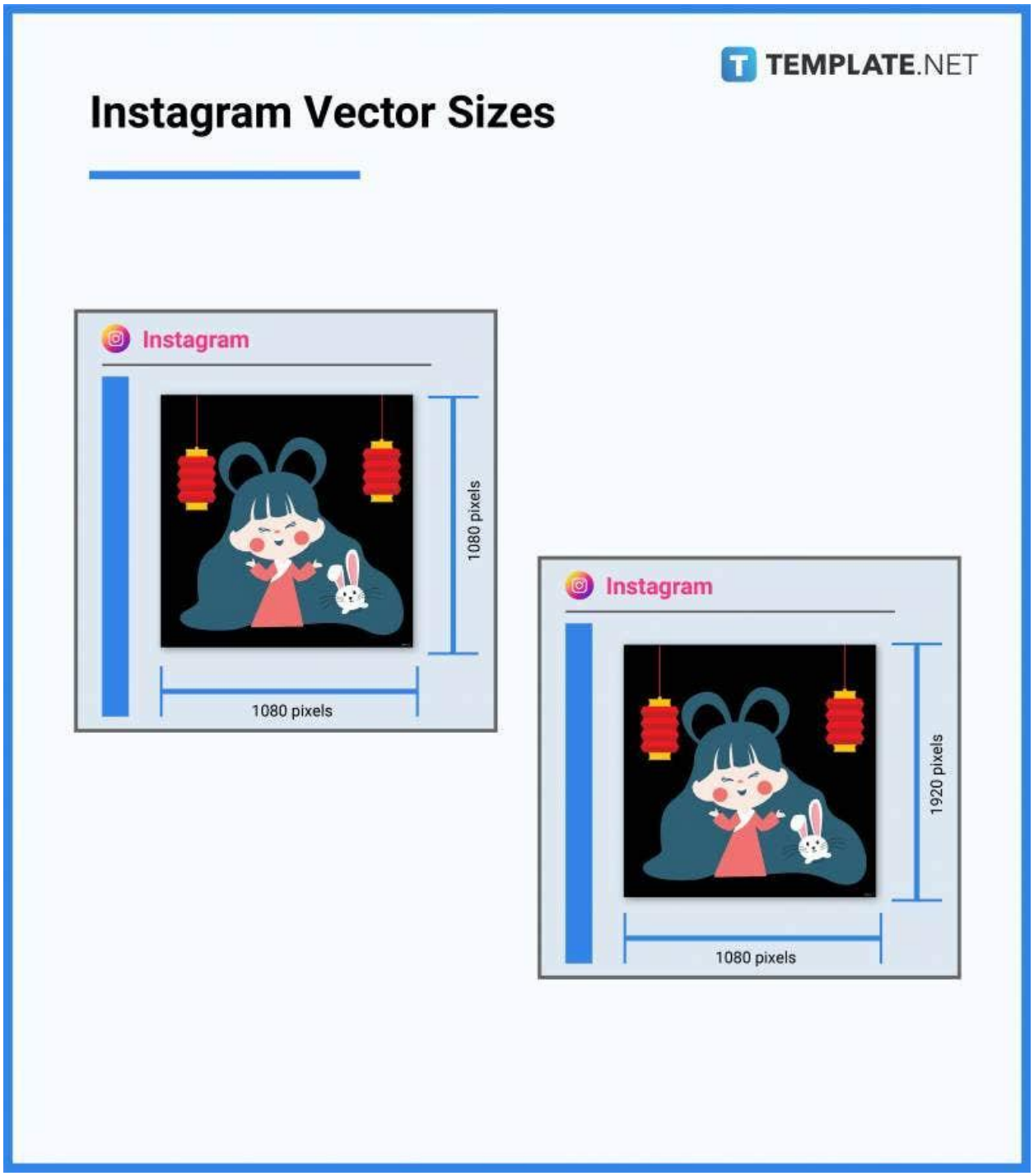


cover photo

feed advertisement

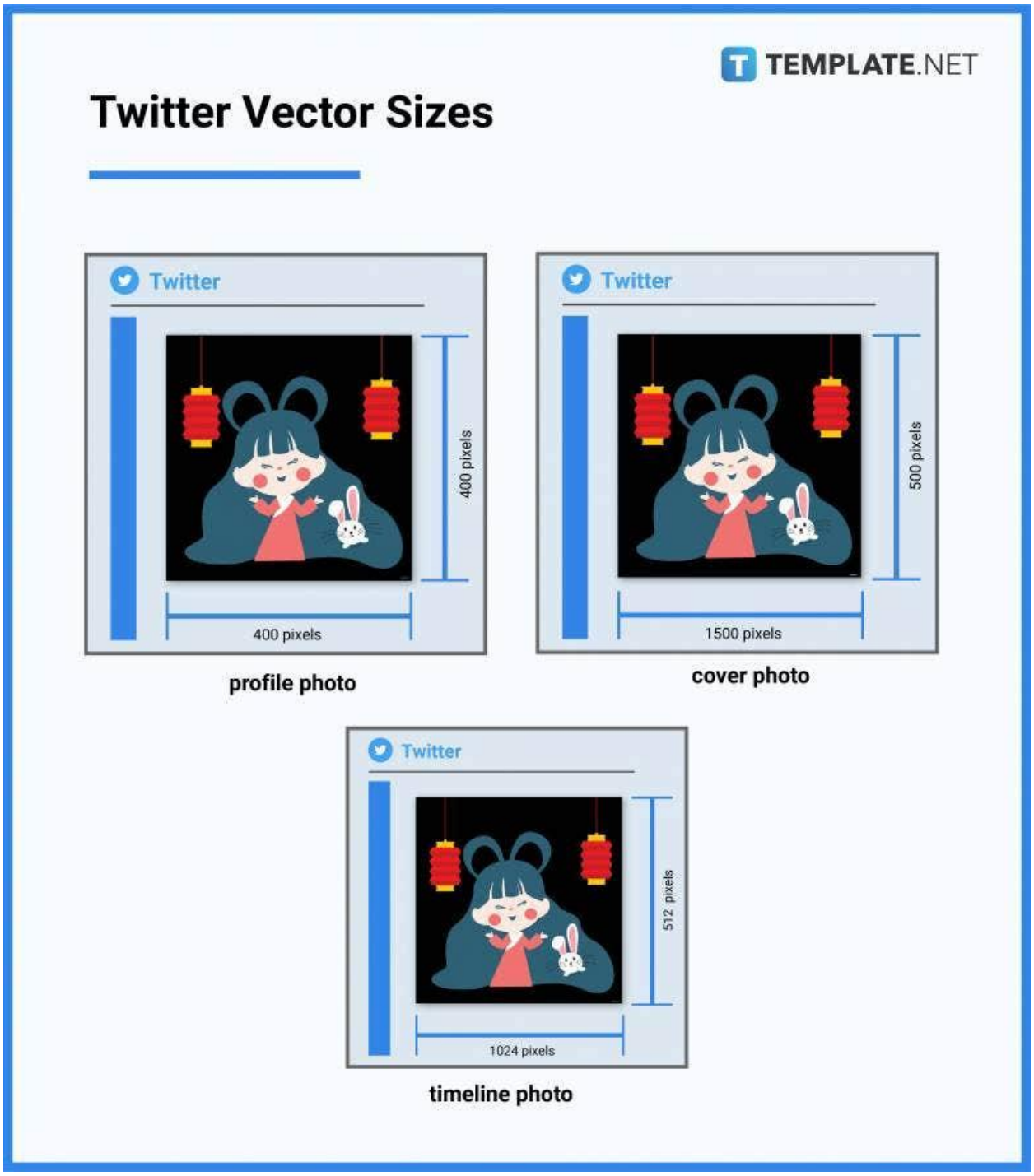
Instagram Vector Sizes

Instagram vector sizes generally follow a 1:1 aspect ratio such as 1080 x 1080 px for a high-quality IG feed photo. However, Instagram is more fluid nowadays and you can go beyond square images, which means you can try out other sizes like the 9:16 aspect ratio or 1080 x 1920 px.



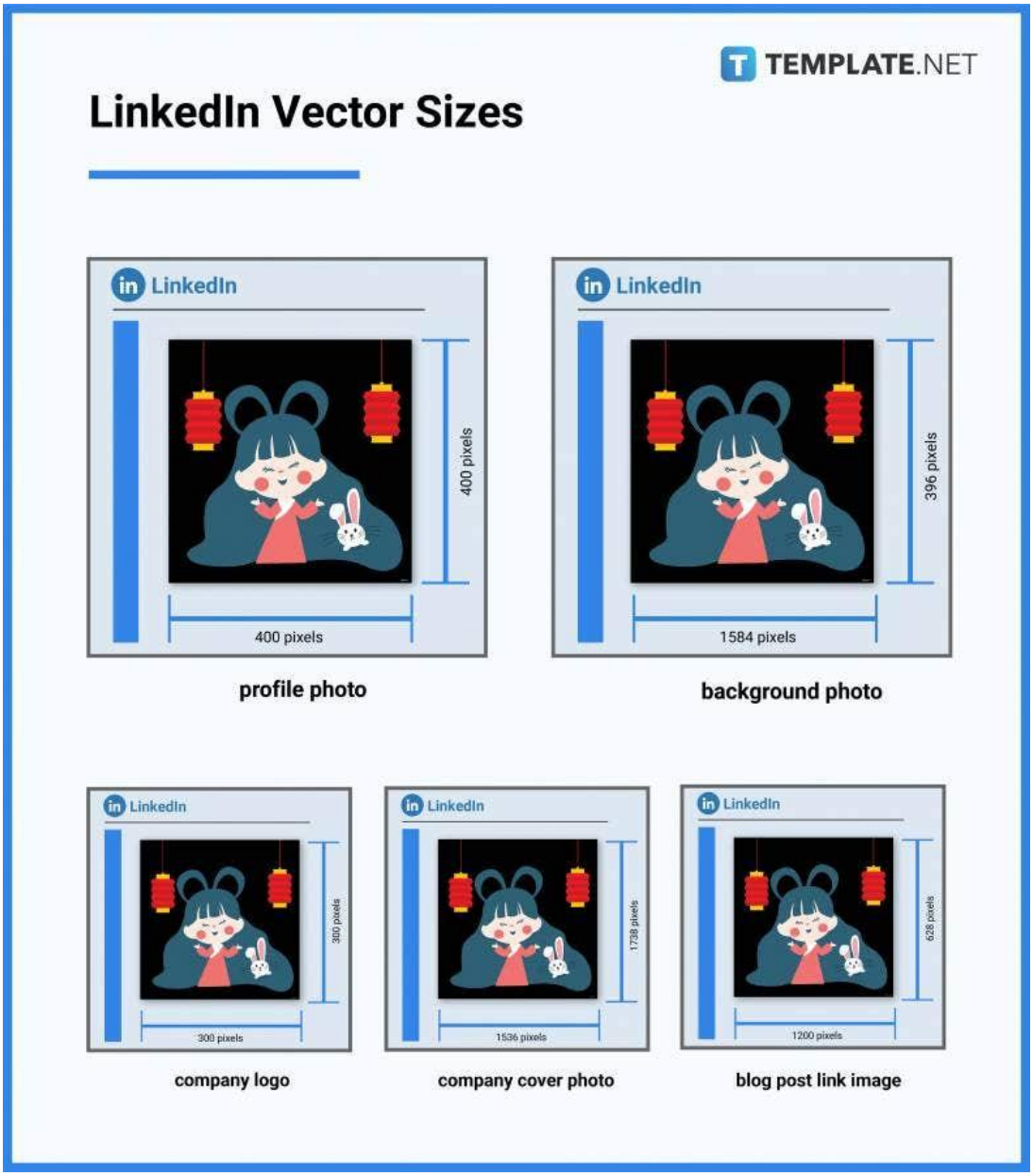
Twitter Vector Sizes

Maximize the use of vectors to beautify your Twitter posts by considering Twitter's standards for image sizes. The average Twitter vector sizes are the profile photo (400 x 400 px or 1:1), cover photo (1500 x 500 px or 3:1), and timeline photo (1024 x 512 px or 2:1).



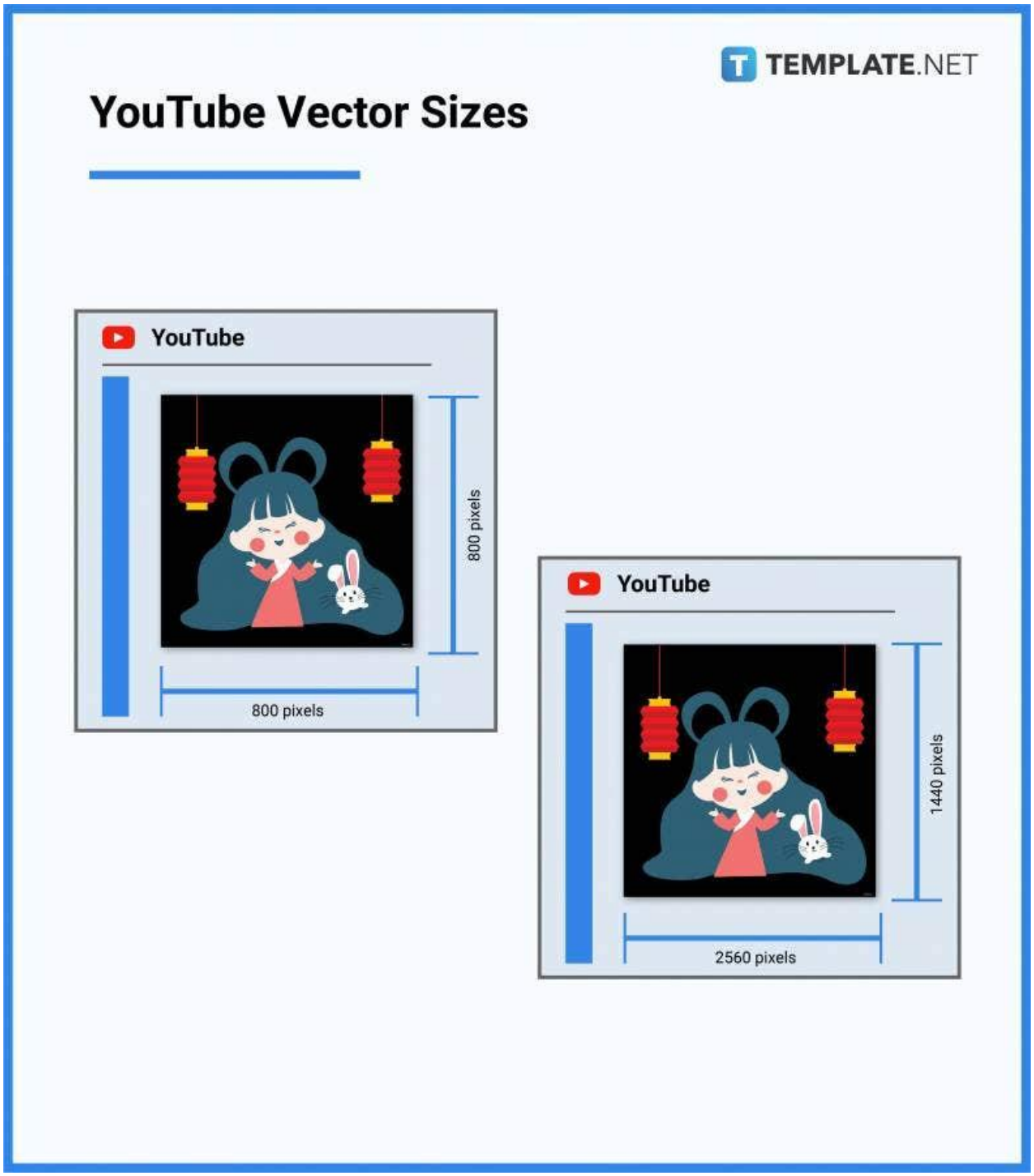
LinkedIn Vector Sizes

Flaunt your best vectors on LinkedIn to make your profile more reputable, especially in following LinkedIn's standard sizes. The average LinkedIn vector sizes are the profile photo (400 x 400 px or 1:1), background photo (1584 x 396 px or 4:1), company logo (300 x 300 px or 1:1), company cover photo (1536 x 738 px or 2:1), and blog post link image (1200 x 628 px or 1.91:1).



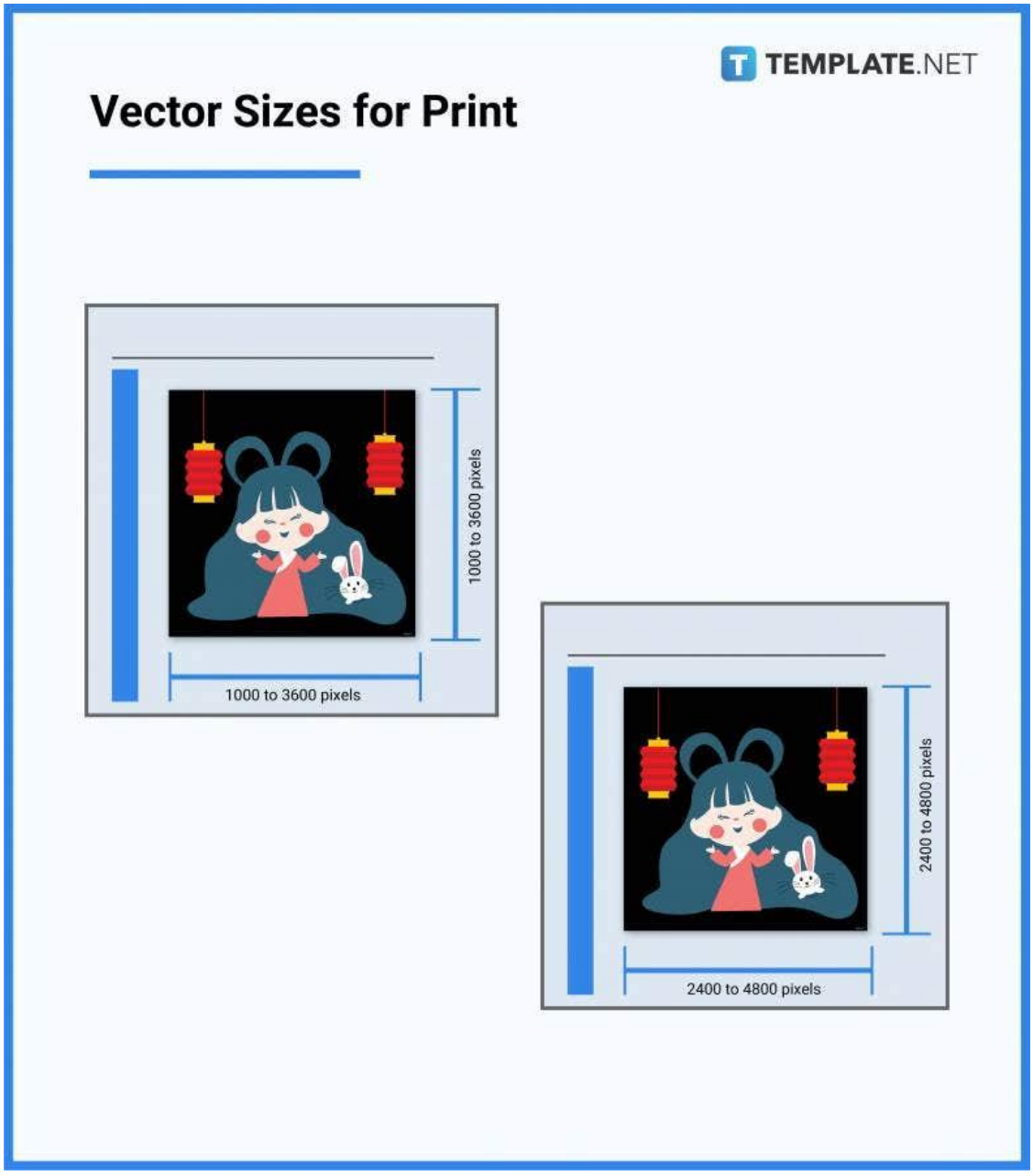
YouTube Vector Sizes

When it comes to YouTube, the universal aspect ratio is 16:9. Other YouTube vector sizes are the channel icon (800 x 800 px or 1:1) and channel art (2560 x 1440 px or 16:9).



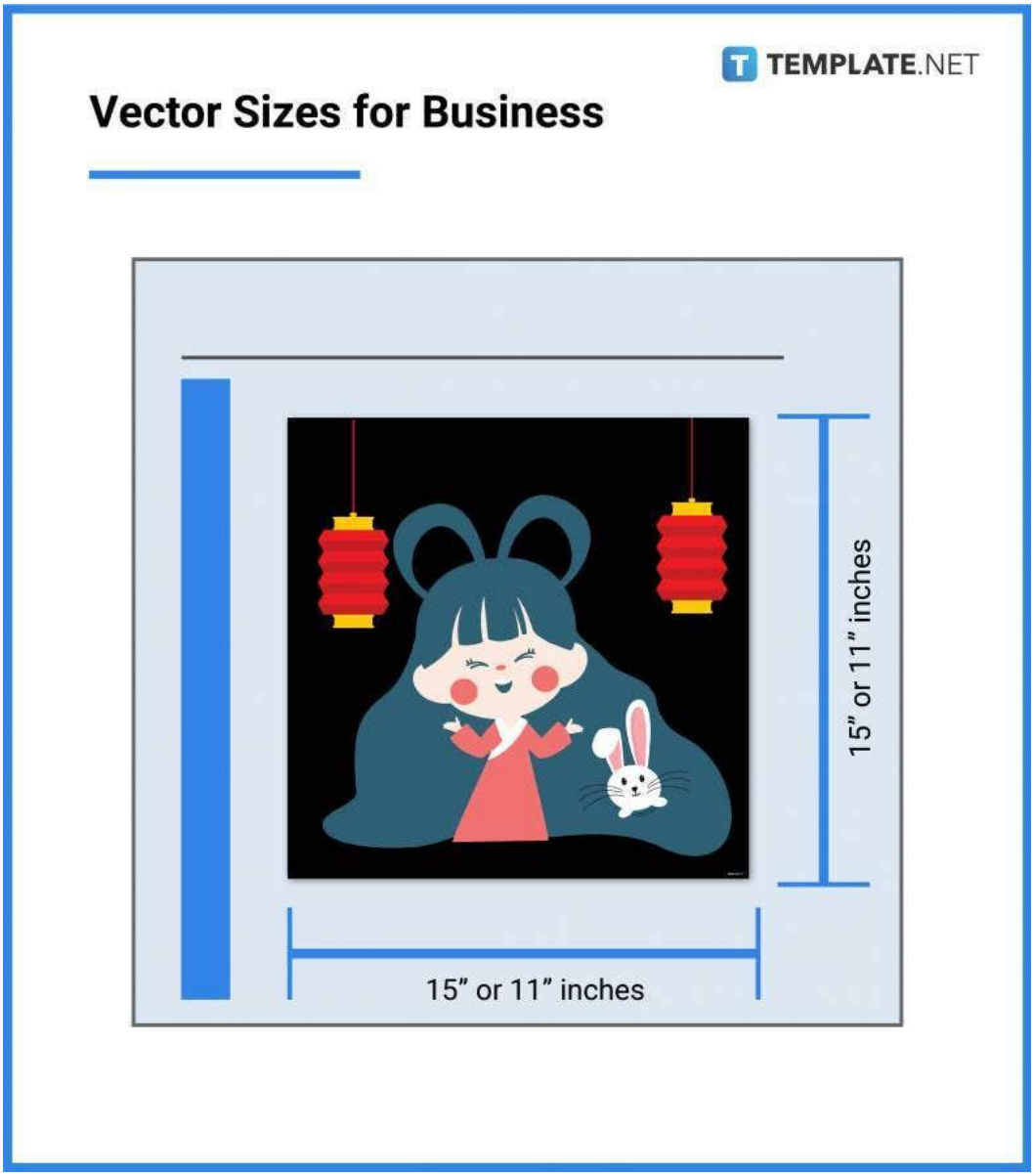
Vector Sizes for Print

From a small A10 sheet of paper to a large banner frame, vectors' scalability features make it easy to resize printed outputs without having to sacrifice the quality and resolution of your vector files. Just follow the standard print sizes mentioned earlier where the small print vectors measure from 1000 x 1000 px to 3600 x 3600 px. Meanwhile, the large print vectors measure around 2400 x 2400 px to 4800 x 4800 px.



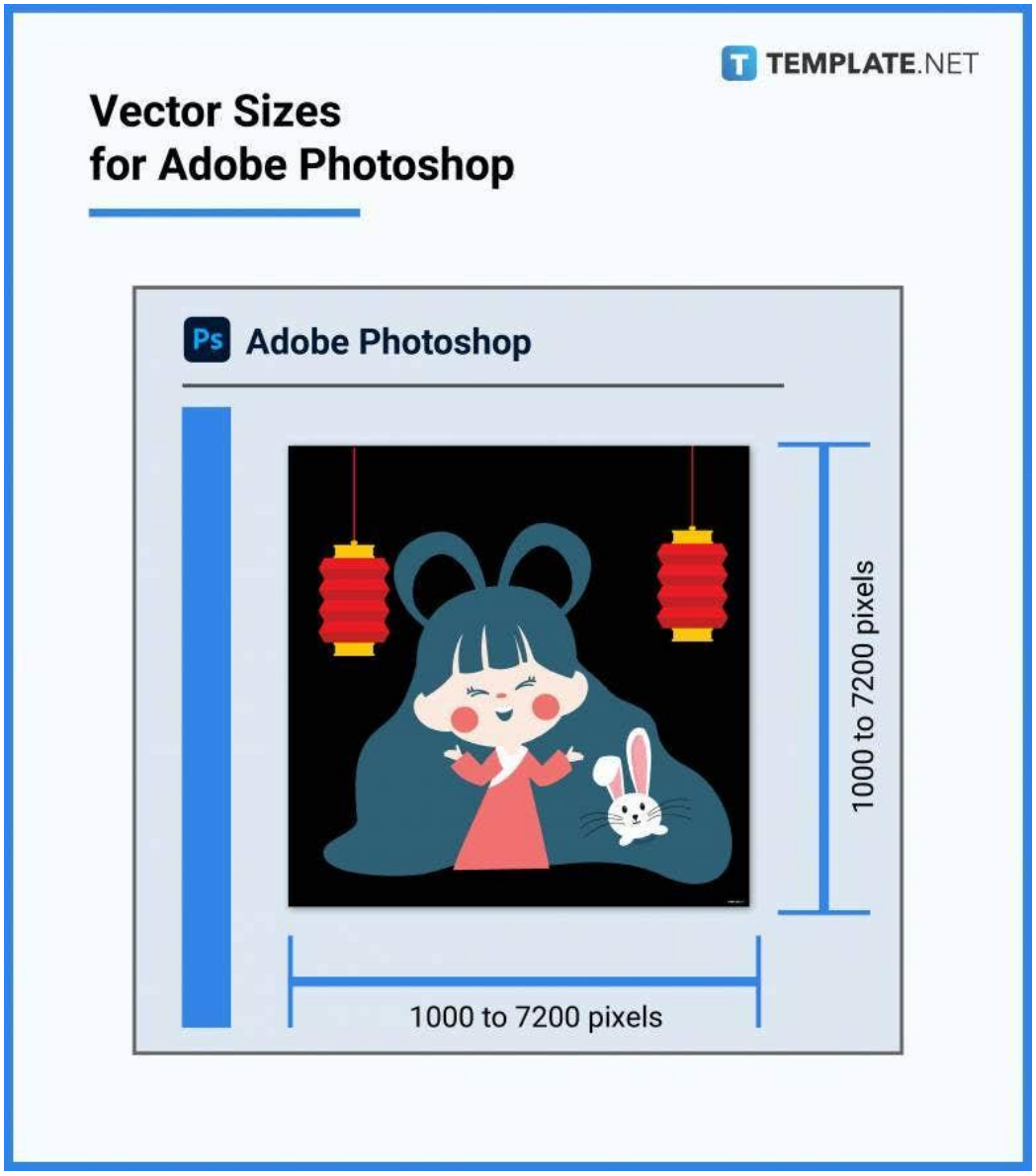
Vector Sizes for Business

Promotional items or business merch could definitely leverage vectors because these files work for almost any size while still retaining high-resolution outputs. Vector graphics are a must for a t-shirt or plot printing, and the standard vector sizes for plot printing would be 15 x 15 in or 11 x 11 in. Don’t forget to consider a motif diameter of 0.06 inches for printing business t-shirts, and you can optimize the rest of the dimensions under the Vector Sizes Standard of this article for your business vectors.



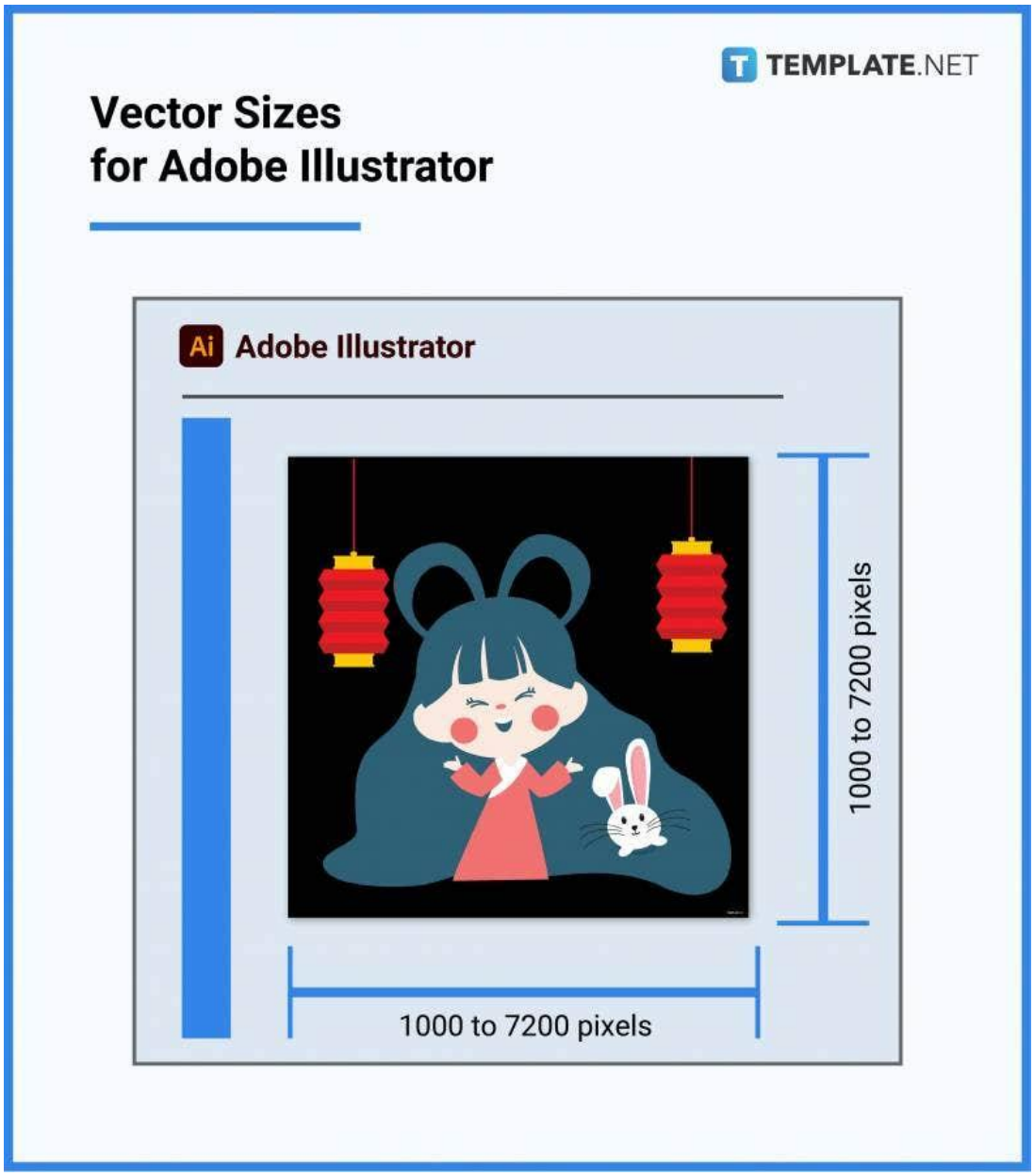
Vector Sizes for Adobe Photoshop

Create vectors using Adobe Photoshop because it is an easy platform for making vectors with a range of editable features. You can follow Adobe Stock's requirements in making vectors such as using AI, SVG, or EPS formats only, applying the RGB color mode, and setting the artboard offset to (o,o). Most importantly, Photoshop recommends that the minimum artboard size is 15 MP (megapixels), the maximum artboard resolution is 65 MP, and the maximum file size is 45 MB (megabytes).



Vector Sizes for Adobe Illustrator

Adobe Illustrator may not have the most editable features when compared to Photoshop but Illustrator is number one when it comes to scaling your vectors in the best resolution and quality possible. You can apply the Vector Sizes Standard of this post while designing a vector in Illustrator from 1000 x 1000 px to 7200 x 7200 px. What is common from vector graphics is that the 1:1 aspect ratio is ubiquitous so it works best to apply that dimension for most of your vectors.



Vector Sizes FAQs

Why should I use a vector format?

In the concept of graphics, vector format is recommended because the raster file, the opposite option, produces poor quality or resolution while printing, especially while scaling small to large file sizes.

What are acceptable vector file formats?

These are Adobe Illustrator (AI), Encapsulated PostScript (EPS), Scalable Vector Graphics (SVG), and Portable Document Format (PDF).

What is the difference between the size and capacity of a vector?

In case you need to differentiate the size and capacity of a vector, such as in C++ concepts, the vector size refers to the many numbers of elements contained in a vector while the capacity is the total space covered in a vector.

What is the standard aspect ratio of a vector?

A vector’s standard aspect ratio is 1:1, meaning all sides are equal such as 512 x 512 px.

Is JPG vector or raster?

JPG is a raster file.

Is PNG vector or raster?

PNG is a raster file.

Is GIF vector or raster?

GIF is a raster file.

Is CorelDRAW vector or raster?

CorelDRAW is a vector file.

What are different the numbers of bits per pixel?

BMP files contain 1, 4, 8, 15, 24, 32, and 64 bits per pixel.

What is the most common number of bits per pixel?

The most common number of bits per pixel in BMP files is 24.