

Bitmap graphics and Vector graphics

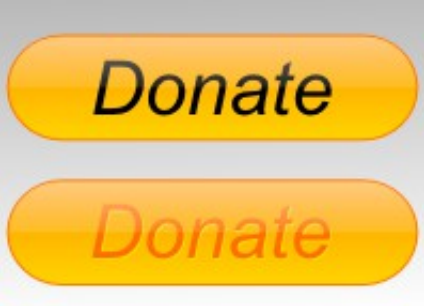

Task 1 - Warm-up

Objectives:

- To understand the differences between vector graphics and bitmap graphics
- To understand the situations in which vector graphics and bitmap graphics are used

Inkscape is quite difficult to use at first, until you get used to the user interface and the vector graphics paradigm. Use one of the tutorials to familiarise yourself with Inkscape:

Beginner's Tutorials

	<p>Web site button</p> <p>This Inkscape beginner tutorial teaches the viewer how to create a simple yet stylish 'Donate' button.</p> <p>Such a button can be used in many different settings, those including - but not limited to: Websites, applications, banners, posters etc.</p> <p>This is one of the easier tutorials and if you try this you should also be able to complete another one during this lesson.</p>
	<p>Coins</p> <p>In this tutorial you will use Inkscape to create a pile of coins like the one illustrated here. This is a slightly more difficult tutorial but you should be able to follow it without trouble if you read it carefully.</p>

Intermediate - Advanced Tutorials

 <p data-bbox="624 405 715 423">Final Result</p>	<p data-bbox="751 208 943 237"><u>Guitar Tutorial</u></p> <p data-bbox="751 241 1437 495">This tutorial will go over the techniques used to draw a realistic guitar from scratch using the free vector program Inkscape. To complete this tutorial, you should already have a basic knowledge of vector tools, such as: the Pen tool, Edit Path Nodes tools, and you should be familiar with the Fill and Stroke toolbox. Let's get rockin' vector style.</p>
	<p data-bbox="751 517 868 546"><u>Pac-Man</u></p> <p data-bbox="751 551 1406 658">In this tutorial you will learn how to create a series of ghosts from the computer game Pac-Man, using Inkscape.</p>
	<p data-bbox="751 822 1230 851"><u>Creating a Coffee Cup with Inkscape</u></p> <p data-bbox="751 855 1422 1039">In this tutorial you will learn how to create a coffee cup using some of Inkscape's more advanced features (mainly the gradient tool). You should be able to complete this tutorial relatively easily if you are somewhat familiar with Inkscape's features.</p>