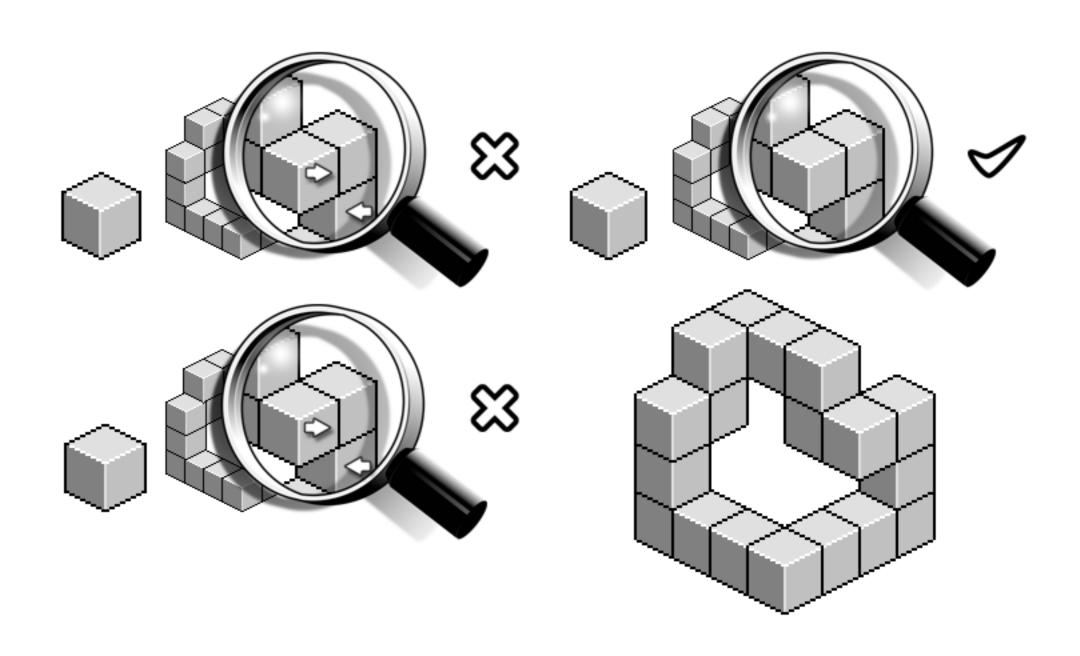


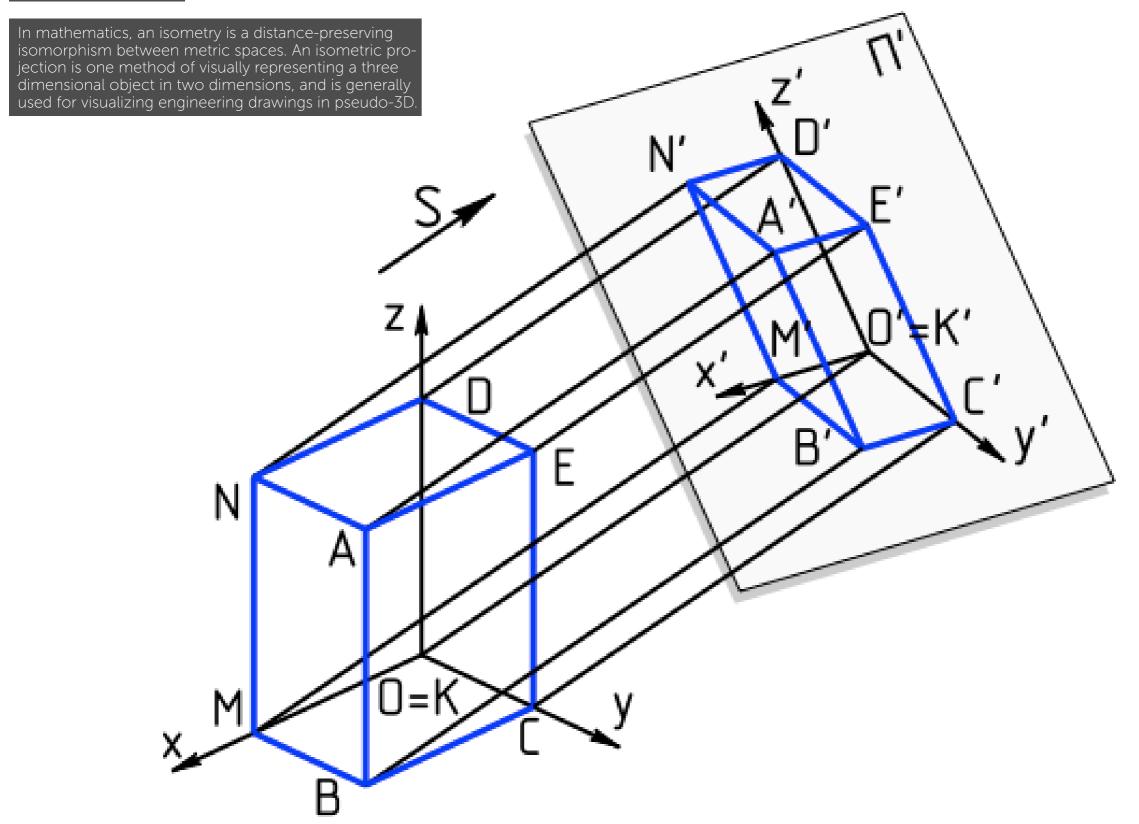


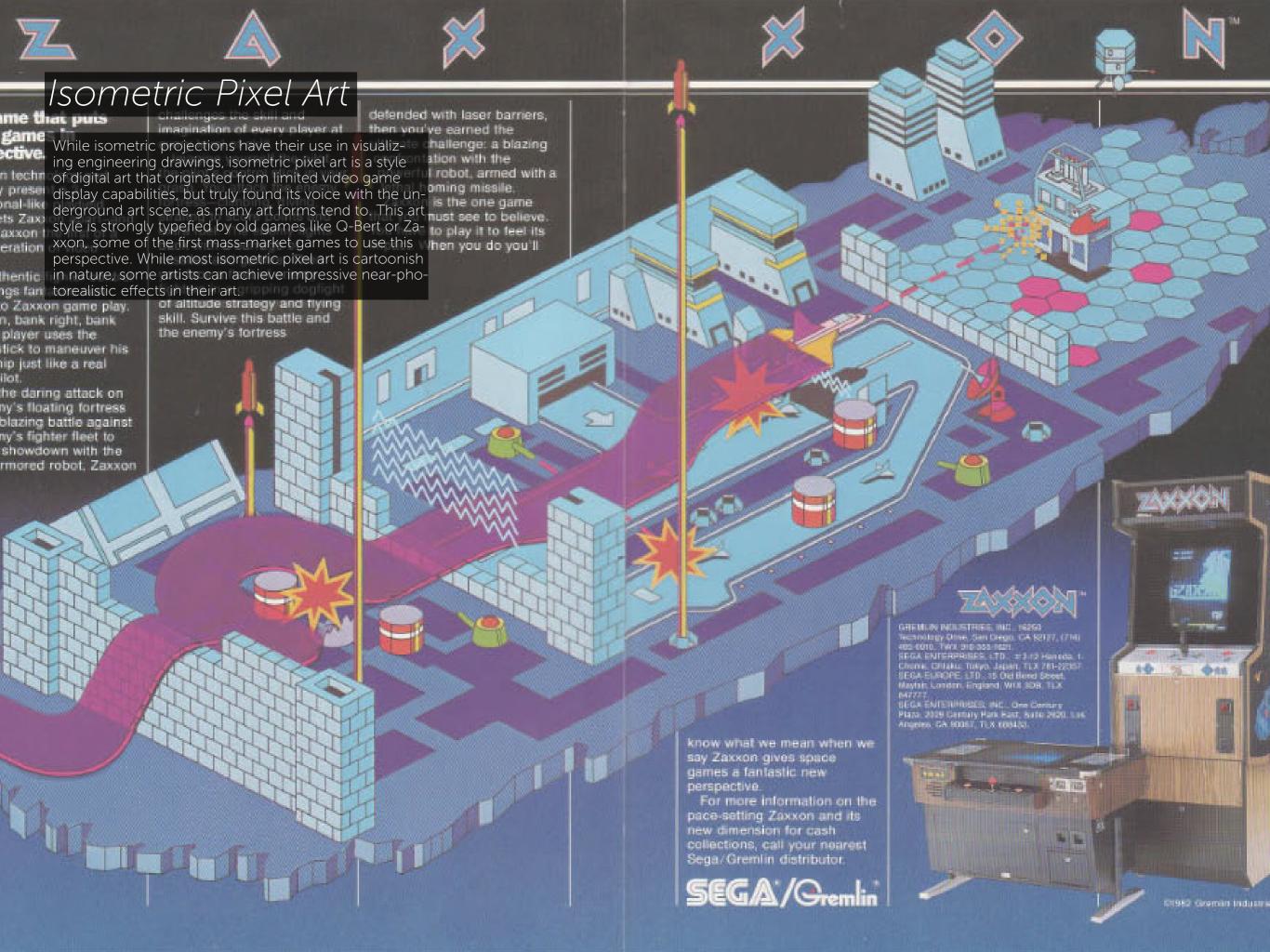


isometric non-isometric



Isometry









Games: The Secret of Monkey Island

Monkey Island is about Guybrush Threepwood who wants to be a pirate. The environment design is quite detailed and reels the player in the game. You can see that even though the scenes are detailed, the color palette isn't that wide. These screenshots are taken from the DOS version.



























Games: Seiken Densetsu 3

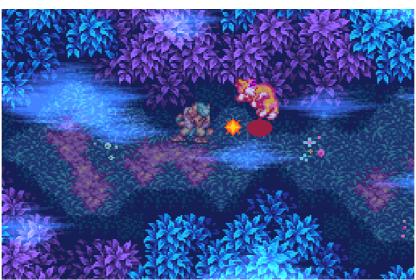
Even though the scenes look very detailed and realistic, the color palette of this SNES game is fairly little too. For example the grass only has three colors.















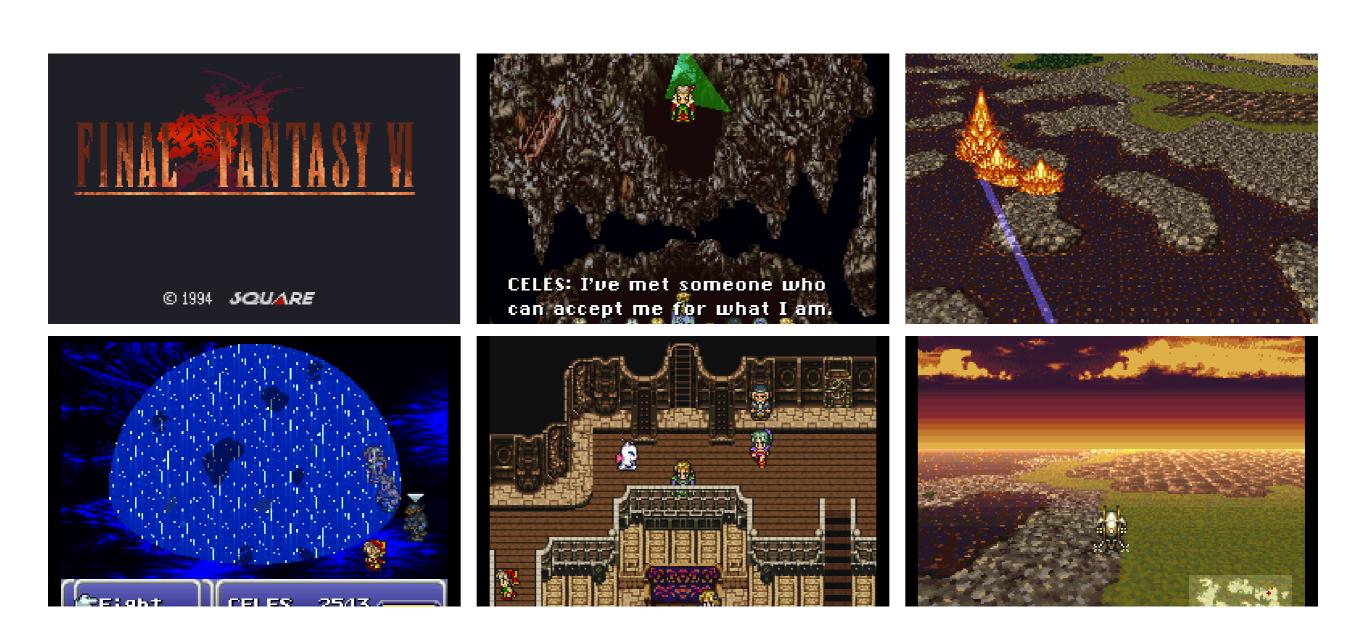


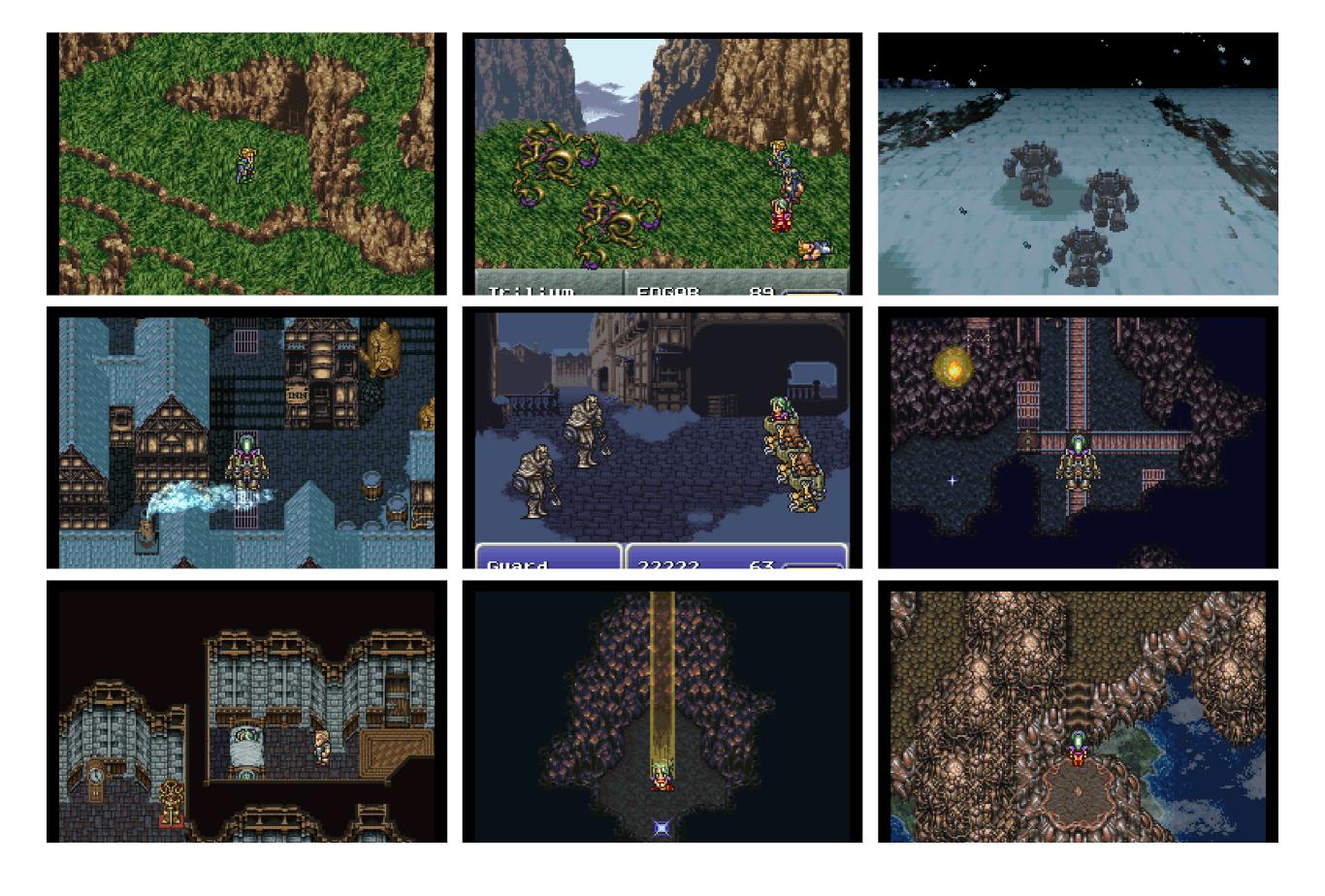




Games: Final Fantasy III

The third of the legendary Final Fantasy series. Look carefully at the screenshots taken from SNES, sometimes it's really hard to tell where tiles end and begin.











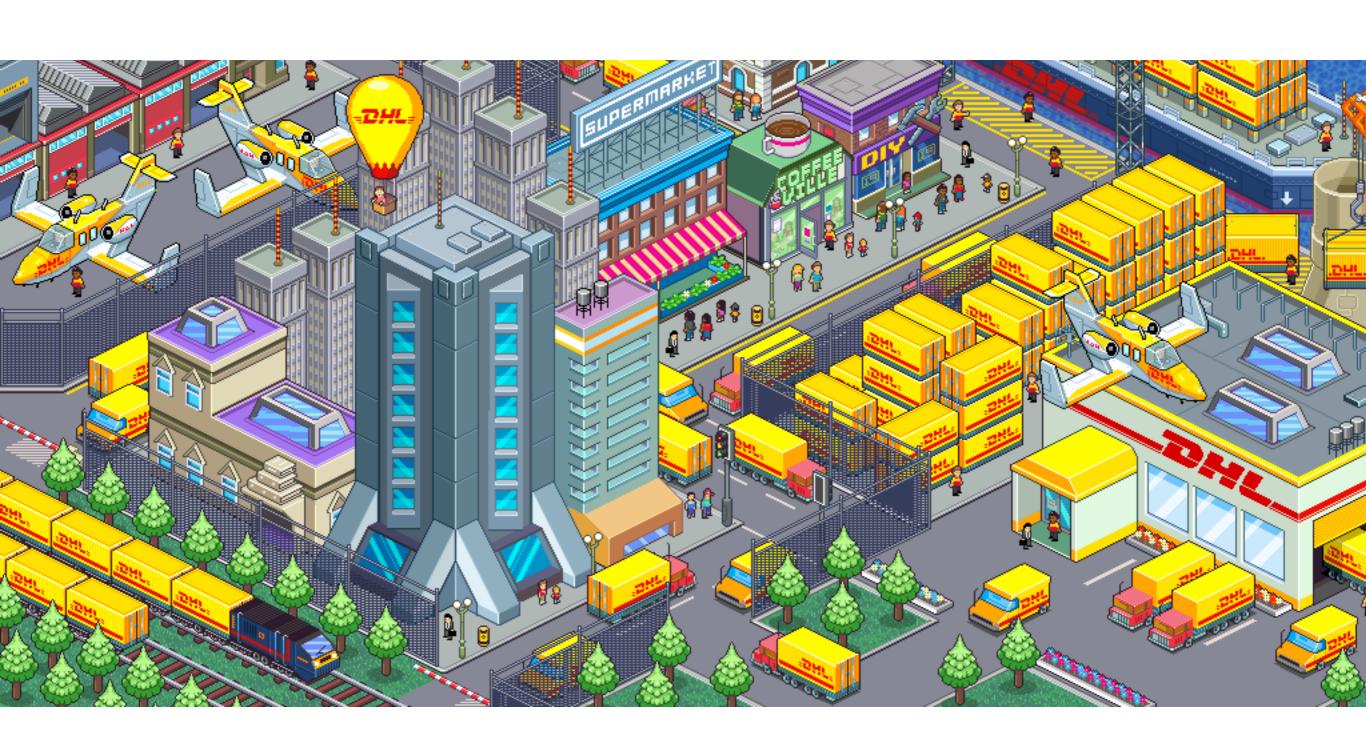






Advertising

Here are some of the advertisement examples. They are mostly complicated looking cities or rooms.



BBC's new media website











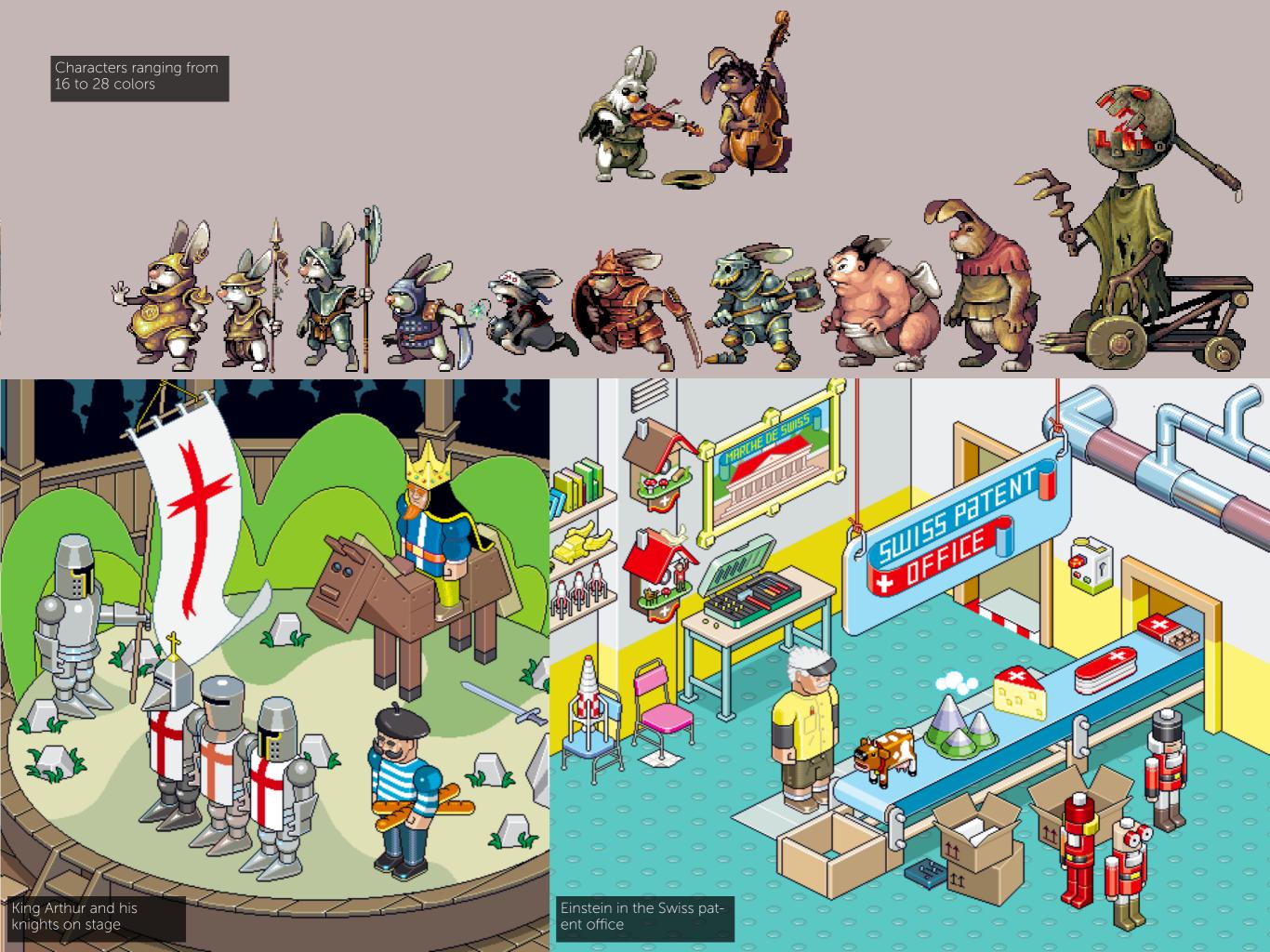








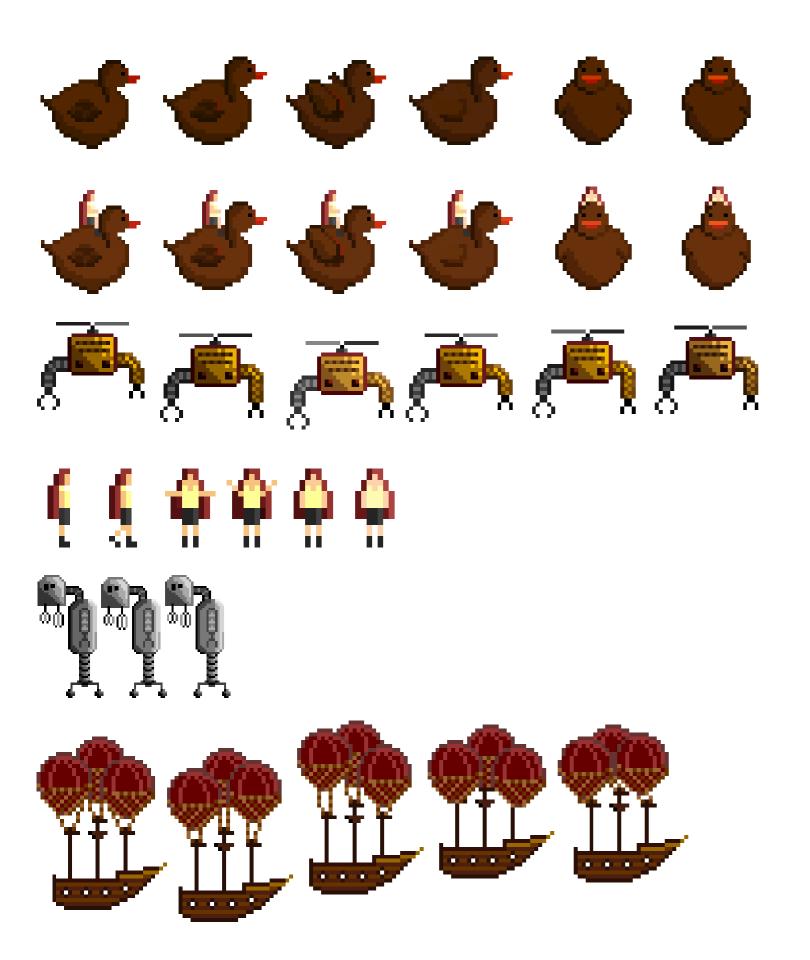
16 colors







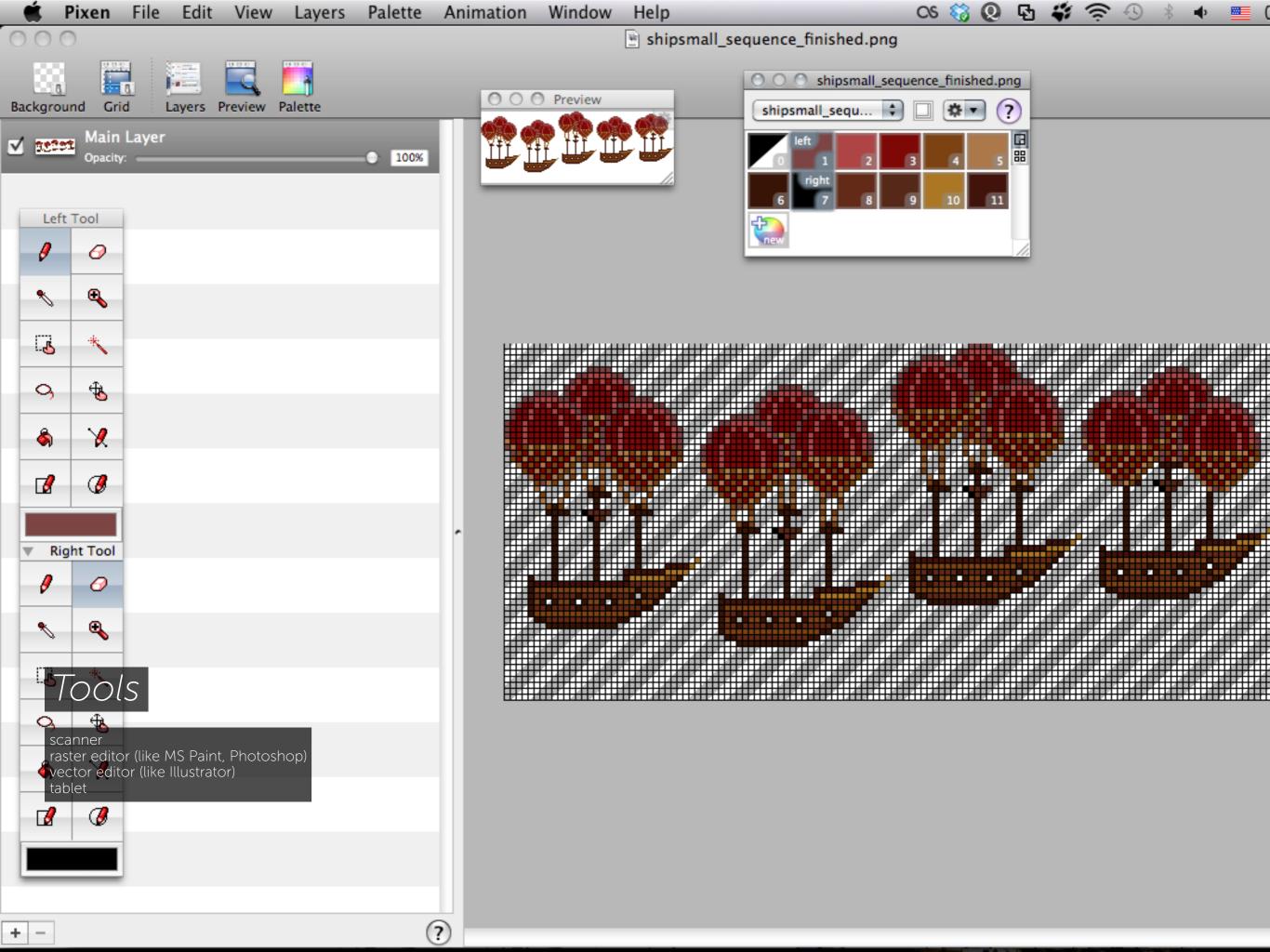


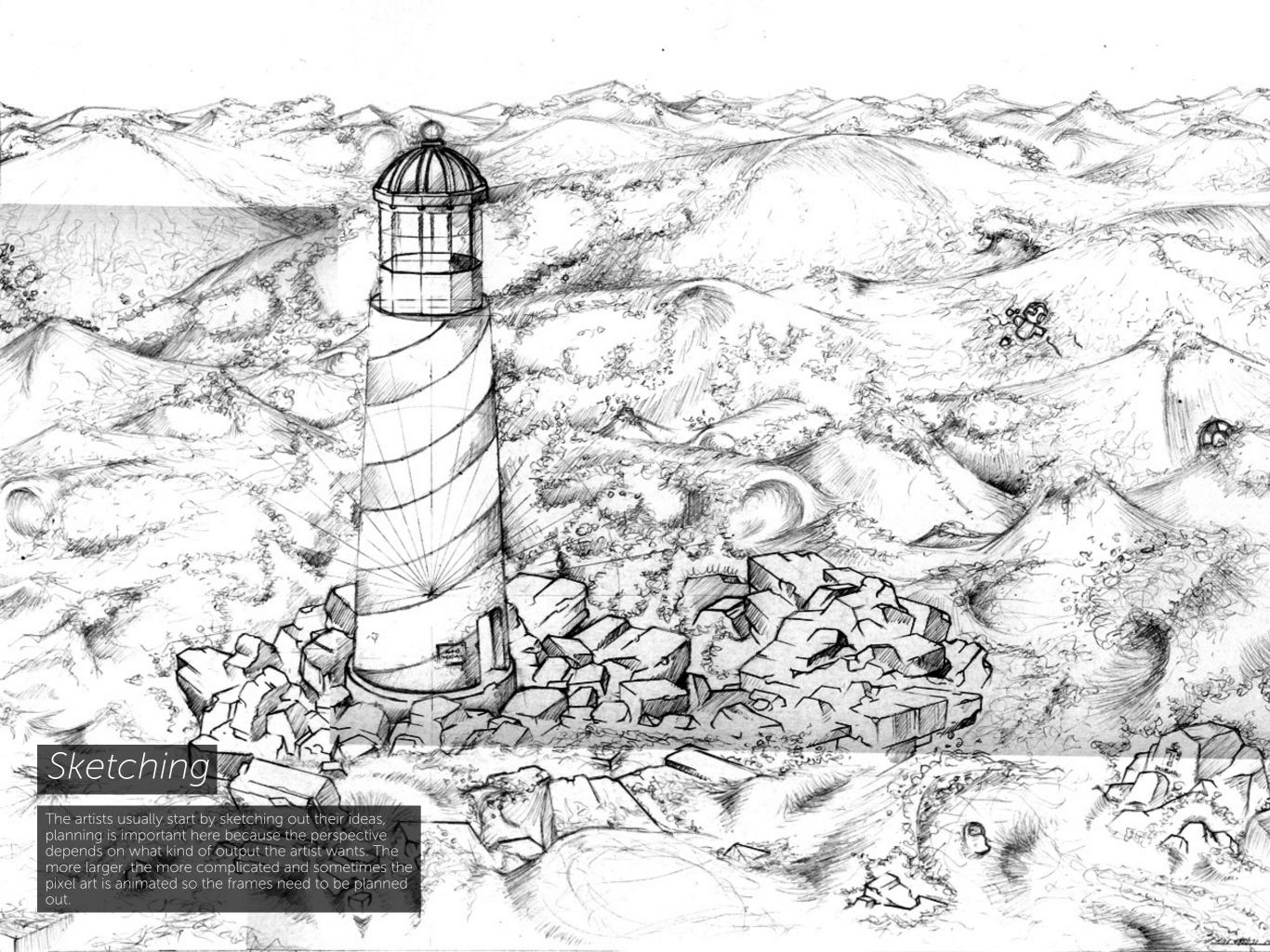




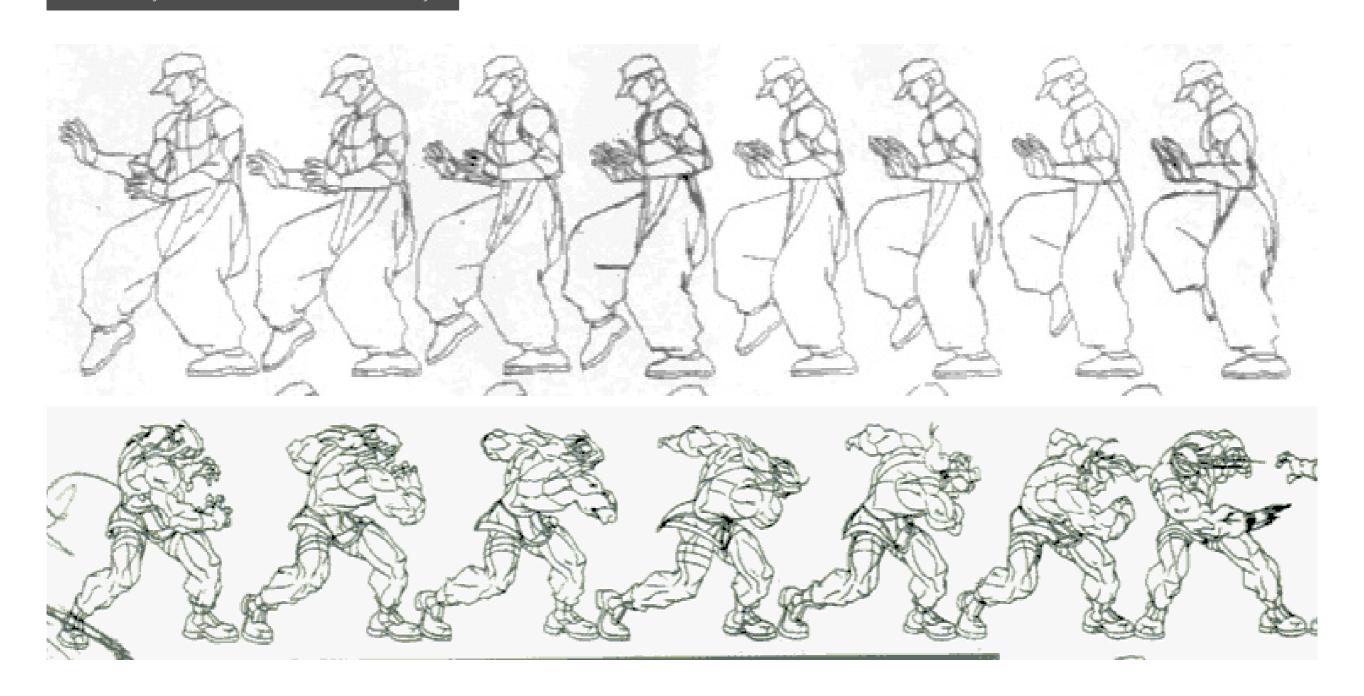








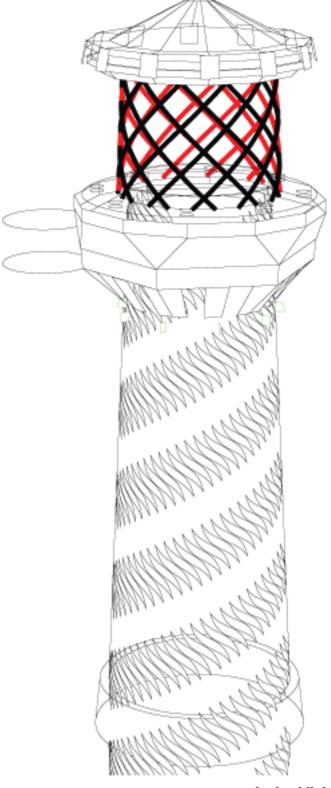
Sketches for some animation sequences made in CAP-COM. Notice that even the slightest move must be planned out because there are lots of artists in the development team so they have to communicate and understand every movement of the character correctly.



Vectorizing

Some artists want very precise lines that have just the right angle, especially if they're working with isometric perspective. The example isn't in isometric perspective, but the artist wanted the lines to have the perfect angle.



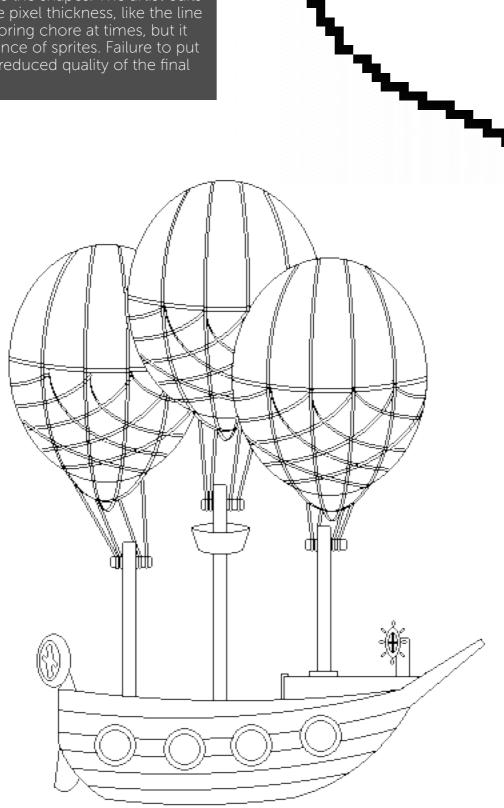


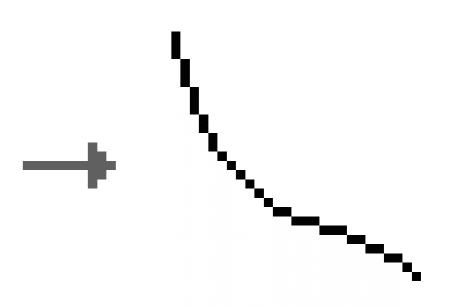
sketch lighthouse

vectorized lighthouse

Outline

The outline is very important when making pixel art, because most often it defines the shapes. The artist edits every line down to a single pixel thickness, like the line in the example. This is a boring chore at times, but it does improve the appearance of sprites. Failure to put in this effort shows in the reduced quality of the final piece.





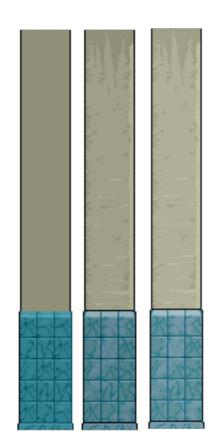
Colors

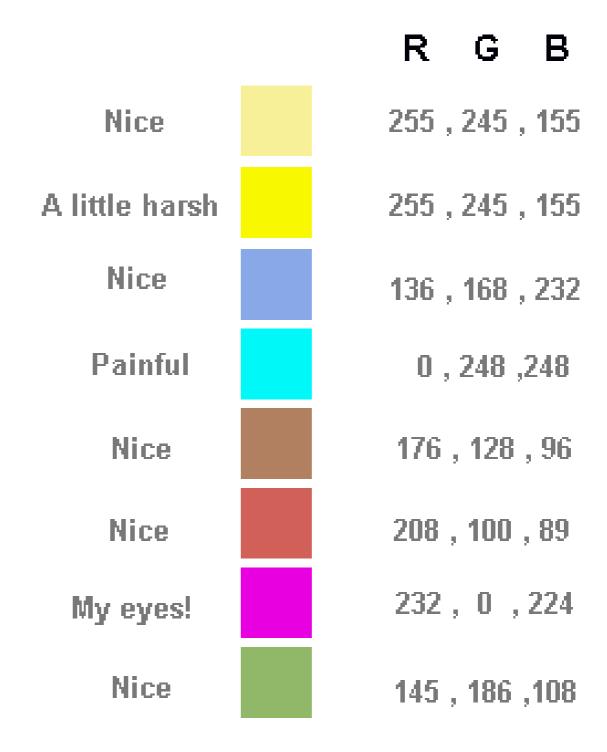
Good selection of colours not only takes the art closer to looking like a real object, but can add personality and mood to it.

Light, pastel tones - close to grey (almost equal RGB values) create a soft, carefree atmosphere. Dark colours, with low RGB values create an oppressive, brooding atmosphere.

Using a restricted palette with variations on a single colour can produce some interesting results. A Grey palette is often used for flashback scenes. Brown palettes look like parchment or old photos. A blue palette can be used to evoke everything from an ocean vibe to deep sadness.

For pixel art avoiding strong, neon colors and using more desaturated pastel tones are better.

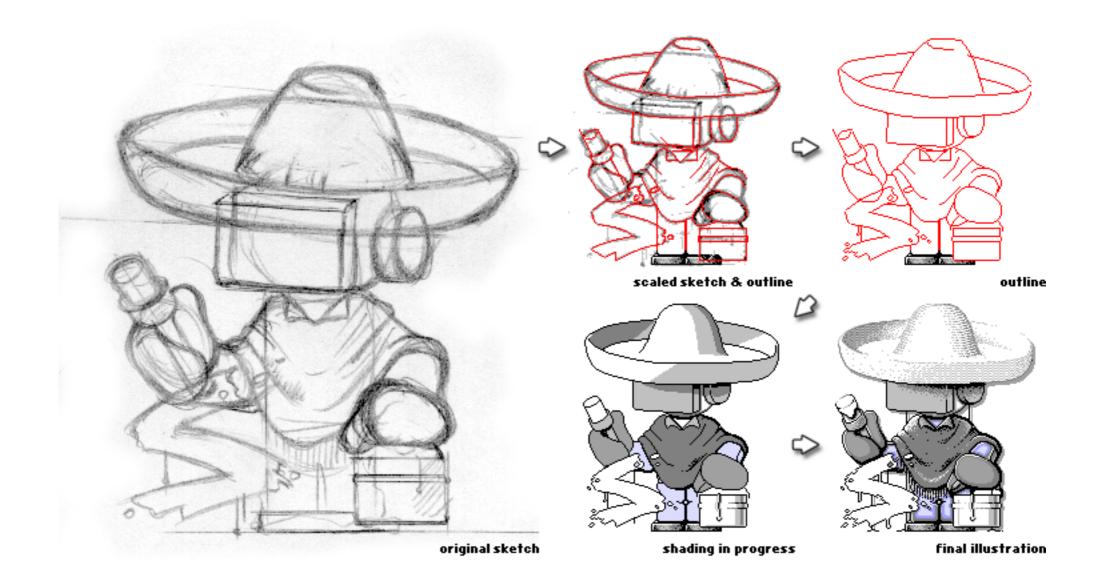




Shading

In order to begin shading an object, it is important to first establish where light falling upon it is coming from. For outdoor settings, or indoor areas with consistent overhead lighting, it helps to pick a constant direction for light to fall from. This common kind of light all strikes your object at the same angle.

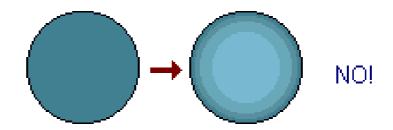




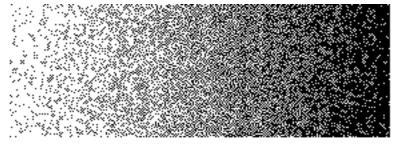
Gradient is bad

People might think that when they make a gradient effect they have done good shading, but mostly whet they do is called 'pillow shading', which appears to assume a single point light source hanging directly between us and our object.

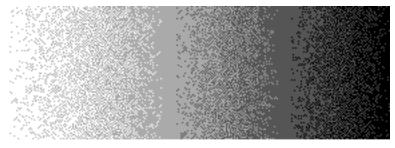
This sort of radial tone gradient is suitable only for a surface lit by a very close light source - like burning torches, but when it is used for an object it looks bad. Depending on the amount of colors, the artist might be forced to use a technique called 'dithering'. tlf the amount of colors is limited, transitions between one color and the other can be mimicked by varying the density of pixels of both colors. By gradually increasing the number of pixels of one color, both colors seem to blend together. Depending on the amount of color, this transition is more or less subtle.











dithering with four colors

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Communities

http://www.pixeljoint.com/ http://www.pixeldam.net/ http://www.deviantart.com/