



## Overview

- Scan conversion

   Figure out which pixels to fill
- Shading
  - Determine a color for each filled pixel

## **Scan Conversion**

• Render an image of a geometric primitive by setting pixel colors

void SetPixel(int x, int y, Color rgba)

• Example: Filling the inside of a triangle



































## Hardware Antialiasing Supersample pixels Multiple samples per pixel Average subpixel intensities (box filter) Trades intensity resolution for spatial resolution