

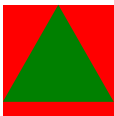
Color fonts (COLR / CPAL)

COLR/CPAL color-glyph fonts are rendered as native PDF vector content — no font program is embedded for these glyphs; each is drawn as vector fills. The row below is the real COLR v1 build of Noto Color Emoji (gradients, transforms, compositing all handled).



COLR paint features

The same pipeline, broken down by paint type (hand-authored COLR v1 fixture):



Layered solids

PaintColrLayers → red box under a green triangle



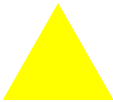
Single solid

PaintGlyph → PaintSolid (blue)



Linear gradient

PaintLinearGradient (red → blue)



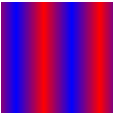
Transform

PaintTranslate over a yellow triangle



Blend compositing

PaintComposite MULTIPLY (blue × yellow → black)



Reflect gradient

PaintLinearGradient, EXTEND_REFLECT