This is the test input:

src\_pixels = [0xFF000000, 0xFFFFFF00, 0xFFFF0000, 0xFF00FF00, 0xFFFFFFFF, 0xFF0000FF] # black, yellow, red, green, white, blue in a 2\*3 source buffer

src\_width = 2

src\_height = 3

dest\_pixels = [0xFF808080] \* 25 # a grey 5\*5 destination buffer

dest\_width = 5

dest\_height = 5

color\_keys = {0xFF000000, 0xFFFF0000} # skip black and red

# Assume we starts at position (0, 0)

offsetX = 0

offsetY = 0

This is the output:

A screenshot of a computer code

Description automatically generated