Fox Code

Import the libraries

from sense\_hat import SenseHat

from time import sleep

# Set up the Sense HAT

sense = SenseHat()

sense.set\_rotation(270, False)

# Set up the colour sensor

sense.color.gain = 60 # Set the sensitivity of the sensor

sense.color.integration\_cycles = 64 # The interval at which the reading will be taken

# Add colour variables and image

c = (0, 0, 0) # Black

a = (255, 255, 255) # white

t = (255, 140, 0) # dark orange

for i in range(28):

rgb = sense.color # get the colour from the sensor

c = (rgb.red, rgb.green, rgb.blue) # use the sensed colour

image = [

t, a, t, c, c, t, a, t,

t, a, t, c, c, t, a, t,

t, t, t, t, t, t, t, t,

t, a, c, t, t, c, a, t,

t, t, t, t, t, t, t, t,

a, a, a, c, c, a, a, a,

c, a, a, a, a, a, a, c,

c, c, a, a, a, a, c, c]

# Display the image

sense.set\_pixels(image)

sleep(1)

sense.clear(