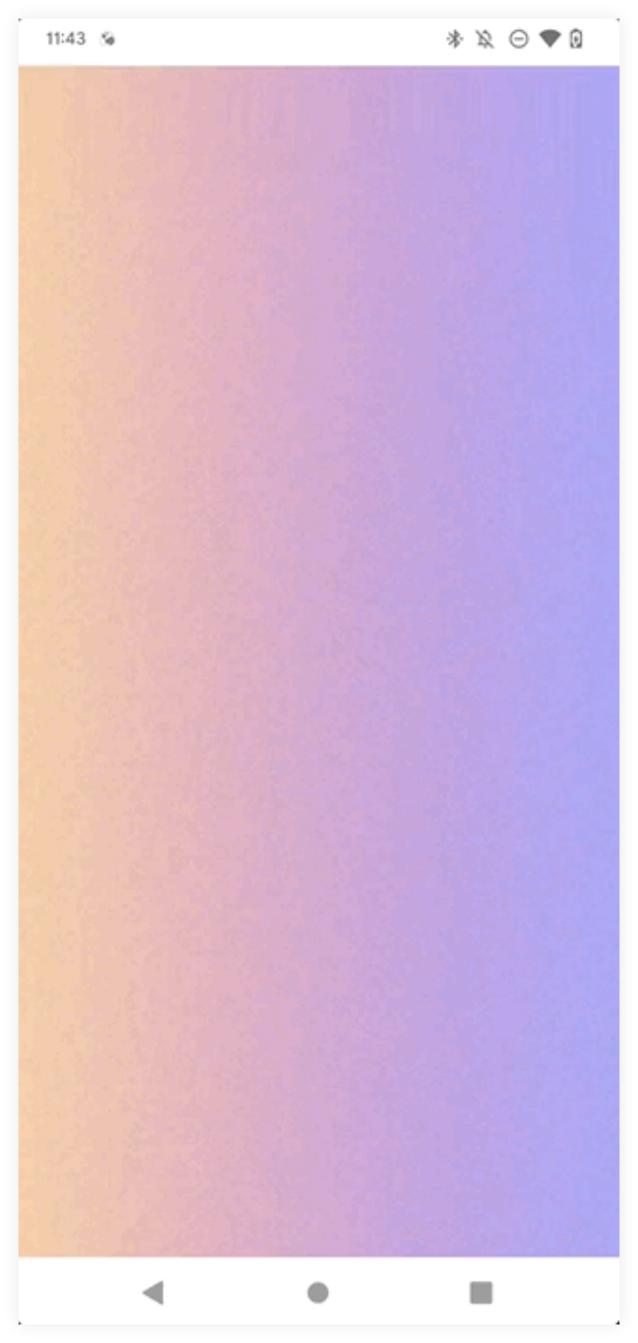
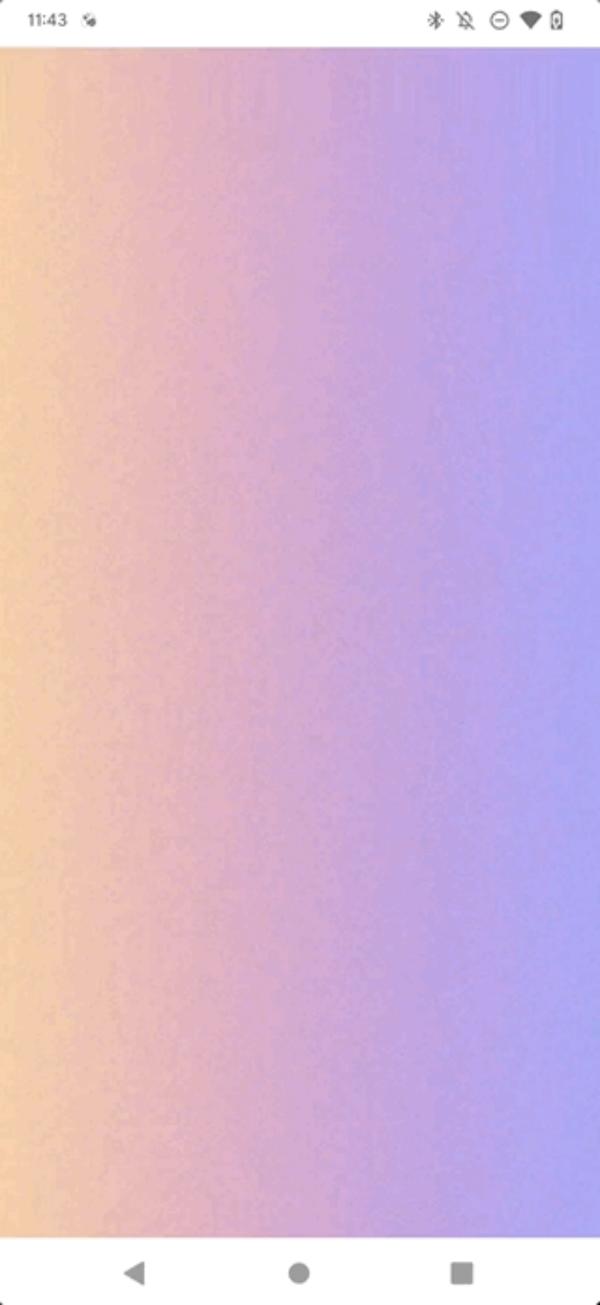
```
val shader = RuntimeShader("...shader code ...")
val brush = ShaderBrush(shader)
Sketch(
    onDraw = \{ time \rightarrow
      // Get dimensions from DrawScope.size
      shader.setFloatUniform(
        "iResolution",
        size.width, size.height
      // From Sketch!
      shader.setFloatUniform("iTime", time)
    drawRect(brush)
```

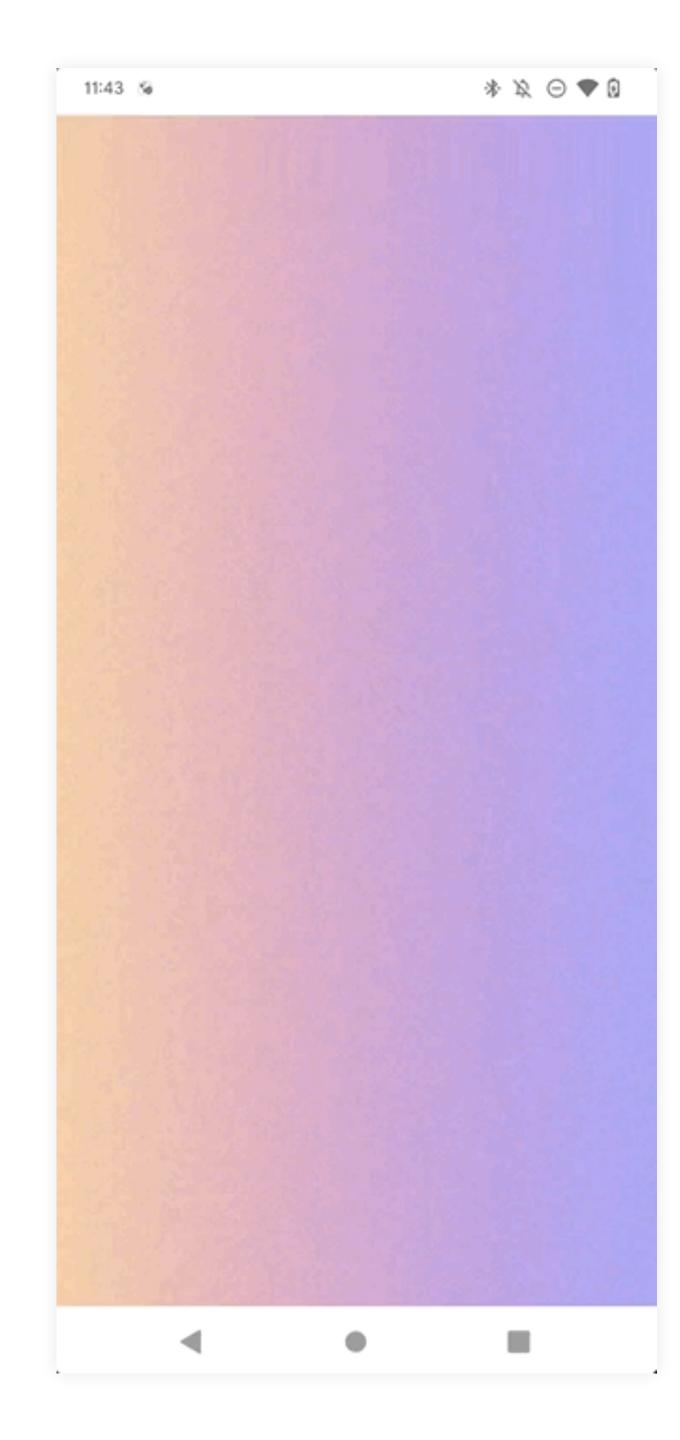








```
val shader = RuntimeShader("...shader code ...")
val brush = ShaderBrush(shader)
Sketch(
   onDraw = { time →
      // Get dimensions from DrawScope.size
      shader.setFloatUniform(
        "iResolution",
        size.width, size.height
      // From Sketch!
      shader.setFloatUniform("iTime", time)
    drawRect(brush)
```



## Shaders in 5 Steps

- 1. thebookofshaders.com!
- 2. use shadertoy.com & shaders.skia.org as a playground
- 3. GLSL convert to AGSL; SKSL use as is
- 4. plug into RuntimeShader
- 5. use size for iResolution, Sketch, or any animating time value for iTime