

# 调色板计划 (二)

Apollonian



# 前情回顾

AV 5293327

UP教你做个画图程序

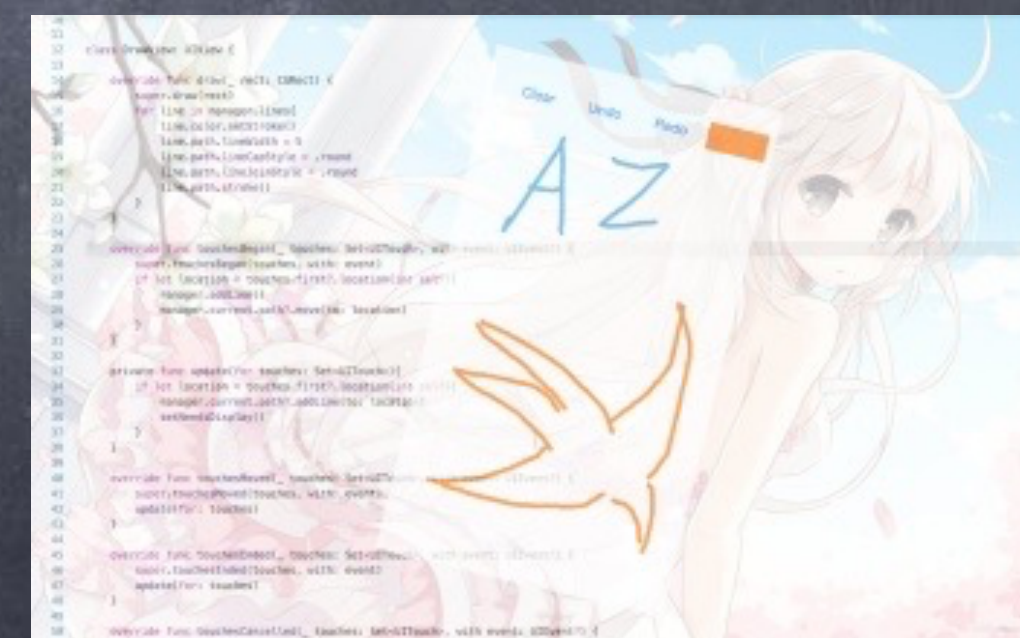
LiulietLee



AV 5526192

UP教你做个iOS的RGBA调色板

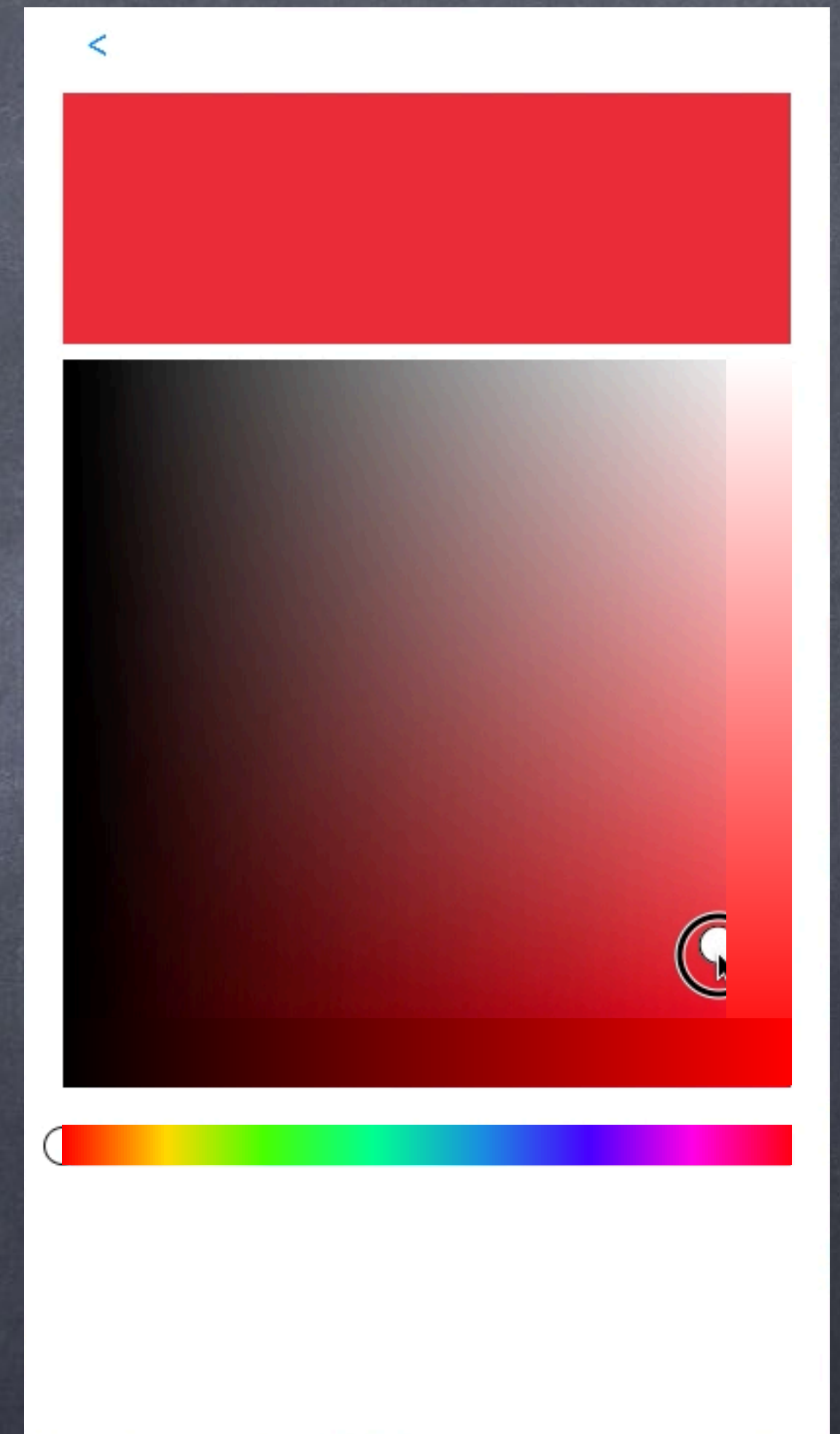
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# (暂定) 整体计划

- CAGradientLayer
- CGGradient
- Indicator
- Indicatable UIControl
- 汇总



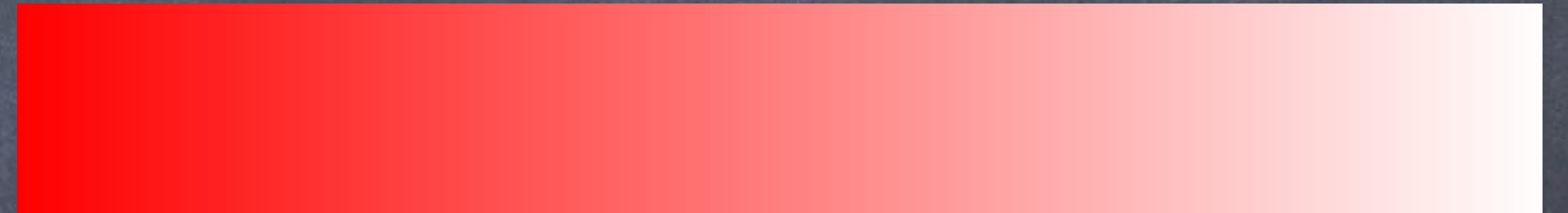


# HSB

👁 Hue: 色相



👁 Saturation: 饱和度



👁 Brightness: 亮度



👁 比 RGB 更加直观



# 调色板（二.1）

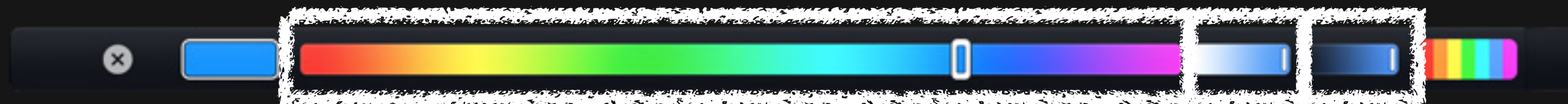
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CAGradientLayer



# CAGradientLayer

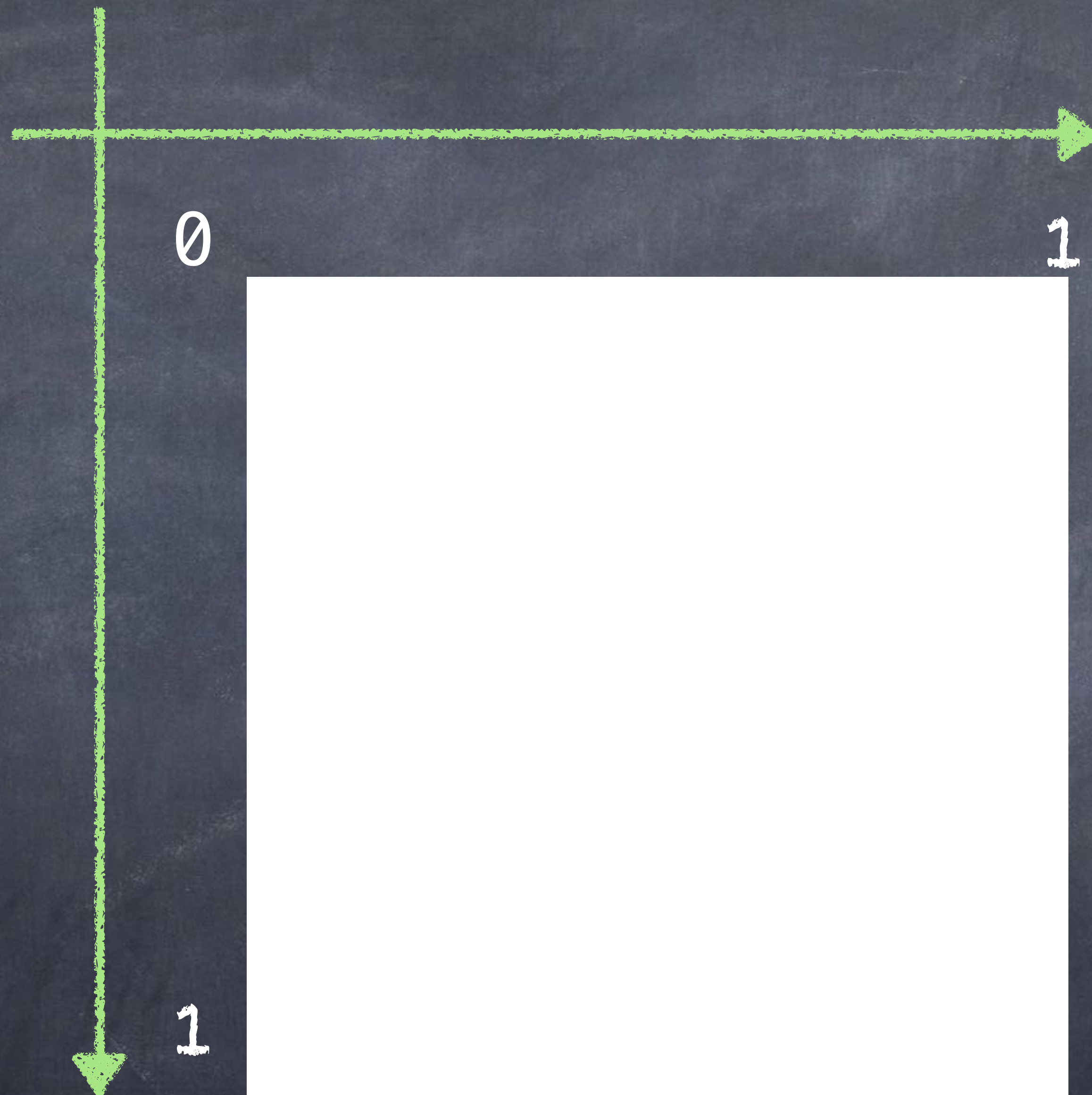


在 Pages、Keynote 等 app 中选择调色盘，然后通过轻点来选择文字或目标对象的颜色。



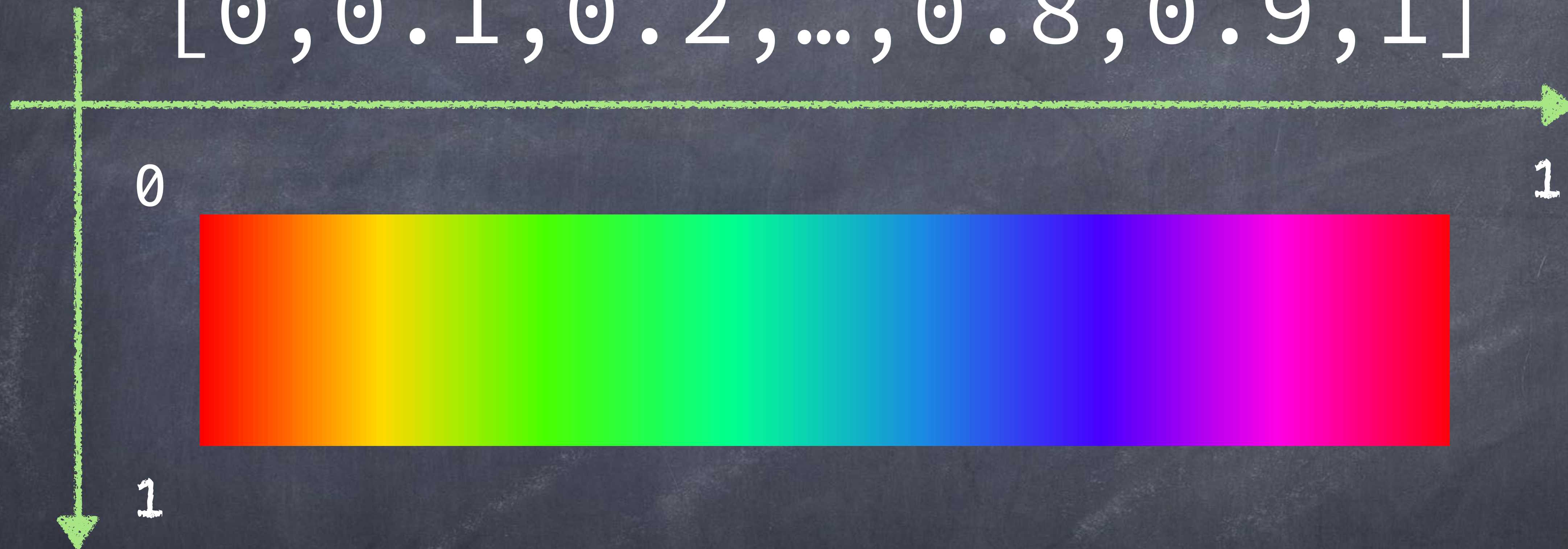
CA(Axial)GradientLayer







$[0, 0.1, 0.2, \dots, 0.8, 0.9, 1]$

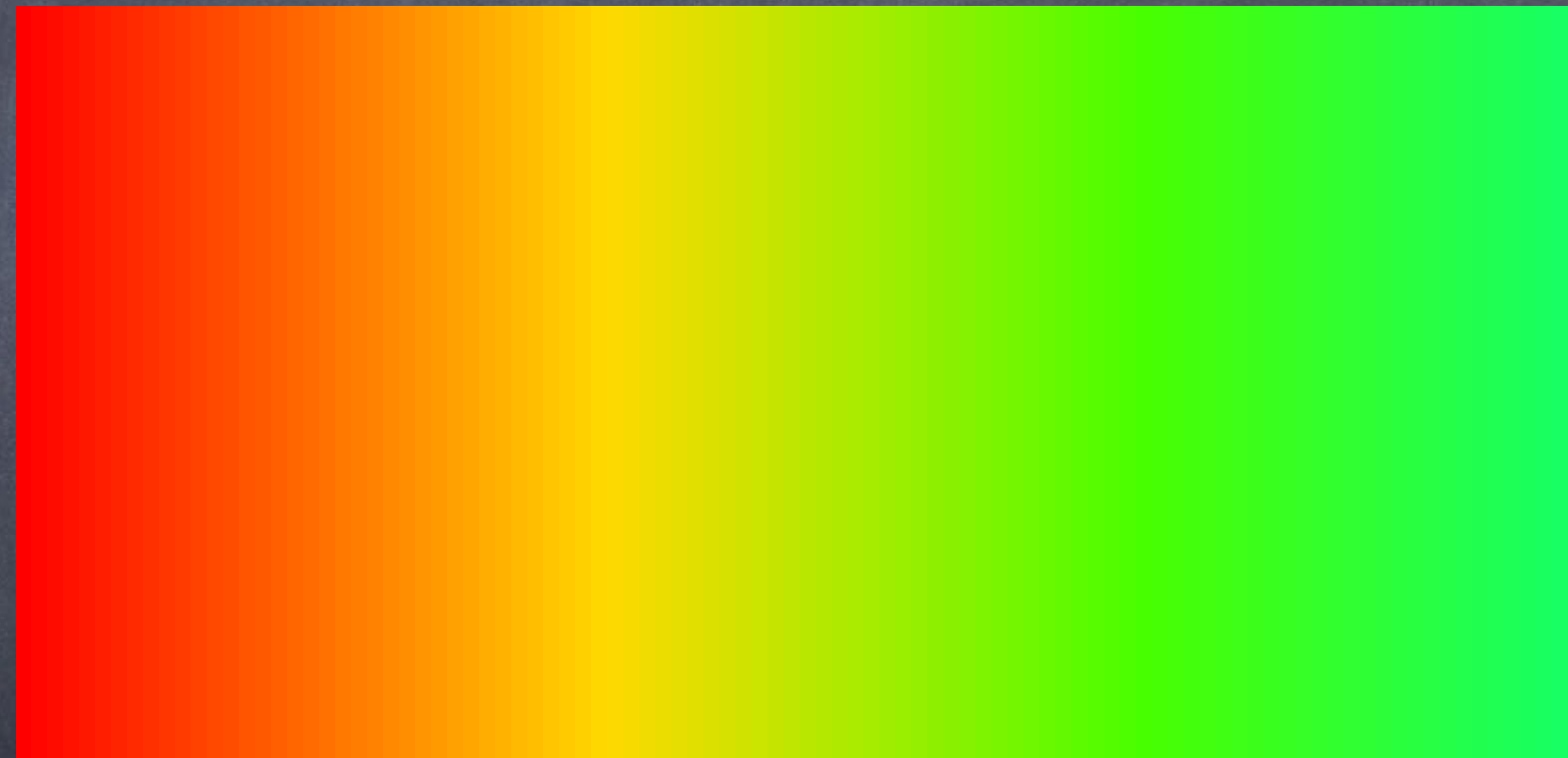




$(0, 0.5)$

0

1







1



$(1, 0.5)$



# Demo









# `map(_:)`

Returns an array containing the results of mapping the given closure over the sequence's elements.

## Language

Swift

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## Declaration

```
func map<T>(_ transform: (Element) throws -> T) rethrows -> [T]
```

## Parameters

**transform**

A mapping closure. `transform` accepts an element of this sequence as its parameter and returns a transformed value of the same or of a different type.

## Return Value

An array containing the transformed elements of this sequence.



$[0, 0.1, 0.2, \dots, 0.8, 0.9, 1]$

transform

$[1, 1.1, 1.2, \dots, 1.8, 1.9, 2]$



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[github.com/ApolloZhu](https://github.com/ApolloZhu)