Converting Colors

RGB(55, 84, 206)

Have a look what the booklet for RGB(55, 84, 206) contains.

Color

RGB(55, 84, 206)

Conversions

Conversions Part 1

Format	Color
Hex	3754CE
RGB	55, 84, 206
RGB Percent	22%, 33%, 81%
CMY	0.7843, 0.6706, 0.1922
CMYK	0.73, 0.59, 0.00, 0.19
HSL	228°, 61%, 51%
HSV	228°, 73%, 81%
XYZ	15.8865, 11.6091, 59.7960
YIQ	89.2370, -56.4460, 31.7940

Conversions

Conversions Part 2

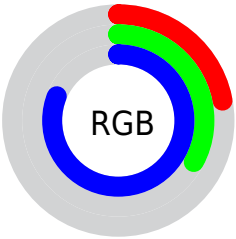
Format	Color
RYB	55, 79, 206
Decimal	3626190
CIELab	40.59, 31.51, -66.22
CIELCh	41, 73.331, 295.447
Yxy	11.6091, 0.1820, 0.1330
Android (android.graphics.Color)	4281816270 (0xFF3754CE)
YUV	89.2370, 57.5642, -30.0258
Hunter-Lab	34.0721, 23.6011, -80.2024

Details

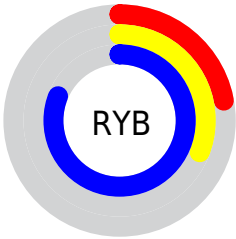
The RGB color 55, 84, 206 is a dark color, and the websafe version is hex 6666CC. The color can be described as dark muted blue. A complement of this color would be 206, 177, 55, and the grayscale version is 89, 89, 89.

A 20% lighter version of the original color is 122, 133, 255, and 0, 40, 151 is the 20% darker color. If you saturate the color by 10%, you get 34, 67, 206, and if you desaturate by 10%, it is 76, 101, 206.

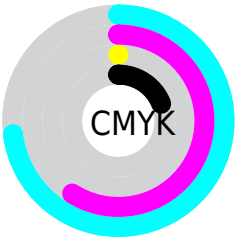
Distribution



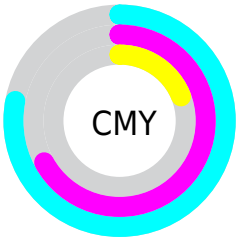
- Red (22%)
- Green (33%)
- Blue (81%)



- Red (22%)
- Yellow (31%)
- Blue (81%)



- Cyan (73%)
- Magenta (59%)
- Yellow (0%)
- Black (19%)



- Cyan (78%)
- Magenta (67%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 55, 84, 206 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 55, 84, 206 by changing the saturation by 10% instead.

55, 84, 206

255, 255, 255

122, 133, 255

152, 159, 255

182, 186, 255

213, 214, 255

243, 242, 255

55, 84, 206

0, 61, 178

0, 40, 151

0, 21, 124

0, 0, 98

0, 9, 73

0, 4, 50

0, 1, 28

0, 0, 0

55, 84, 206

55, 84, 206

34, 67, 206

14, 51, 206

0, 40, 206

76, 101, 206

96, 117, 206

117, 134, 206

137, 151, 206

158, 167, 206

179, 184, 206

199, 201, 206

220, 217, 206

240, 234, 206

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.

0, 107, 217

55, 84, 206

156, 44, 165

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

55, 84, 206

168, 61, 0

0, 119, 84

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

55, 84, 206

206, 177, 55

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

0, 116, 13

55, 84, 206

125, 90, 0

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

55, 84, 206

194, 0, 49

67, 107, 0

0, 120, 146

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

55, 84, 206

185, 0, 128

67, 107, 0

0, 118, 63

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

55, 84, 206

199, 210, 255

55, 206, 176

94, 101, 128

0, 0, 0

128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

55, 84, 206

31, 74, 255

100, 55, 206

92, 94, 102

0, 32, 166

0, 7, 38

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

206, 55, 84

255, 31, 74

161, 206, 55

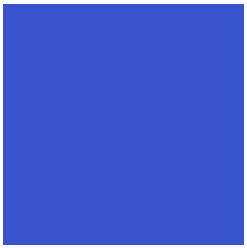
102, 92, 94

166, 0, 32

38, 0, 7

Previews

White Background

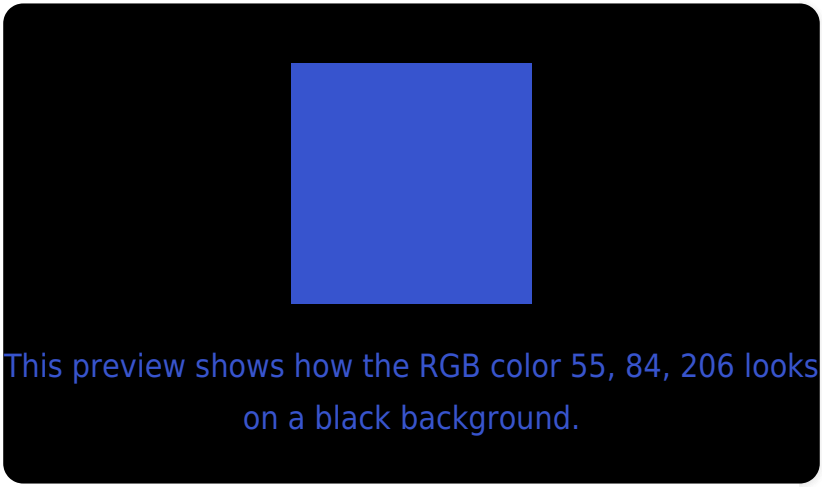


This preview shows how the RGB color 55, 84, 206 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 55, 84, 206 Background

This preview shows how black text looks on a background with the RGB color 55, 84, 206.

This preview shows how white text looks on a background with the RGB color 55, 84, 206.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy

Original Color
55, 84, 206

Protanopia
0, 92, 194

Deuteranopia
0, 98, 167

Tritanopia
0, 106, 113

Trichromacy

Original Color
55, 84, 206

Protanomaly
20, 89, 198

Deuteranomaly
20, 93, 181

Tritanomaly
20, 98, 147

Monochromacy

Original Color
55, 84, 206

Achromatopsia
89, 89, 89

Achromatomaly
77, 87, 132

CSS Examples

Text

The CSS property to change the color of the text to RGB 55, 84, 206 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(55, 84, 206) looks like.

```
.text, #text, p{
    color:rgb(55, 84, 206)
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(55, 84, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 84, 206) }
```

Border

The CSS property to change the border of an element to RGB 55, 84, 206 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(55, 84, 206) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(55, 84, 206) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(55, 84, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(55, 84, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(55, 84, 206); box-shadow:4px 4px 4px 4px rgb(55, 84, 206) }
```

Background

The CSS property to change the background color of an element to RGB 55, 84, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(55, 84, 206) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(55, 84, 206) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

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