

Converting Colors

RGB(55, 106, 245)

Have a look what the booklet for
RGB(55, 106, 245) contains.

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Color

RGB(55, 106, 245)

Conversions

Conversions Part 1

Format	Color
Hex	376AF5
RGB	55, 106, 245
RGB Percent	22%, 42%, 96%
CMY	0.7843, 0.5843, 0.0392
CMYK	0.78, 0.57, 0.00, 0.04
HSL	224°, 90%, 59%
HSV	224°, 78%, 96%
XYZ	23.2110, 17.7129, 88.5818
YIQ	106.5970, -75.0150, 32.4170

Conversions

Conversions Part 2

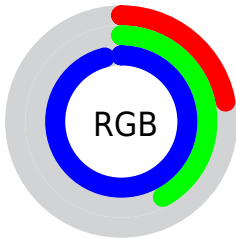
Format	Color
R _Y B	55, 95, 245
Decimal	3631861
CIE Lab	49.15, 31.73, -74.39
CIE LCh	49, 80.869, 293.099
Yxy	17.7129, 0.1792, 0.1368
Android (android.graphics.Color)	4281821941 (0xFF376AF5)
YUV	106.5970, 68.2327, -45.2506
Hunter-Lab	42.0867, 24.7920, -95.3298

Details

The RGB color **55, 106, 245** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **245, 194, 55**, and the grayscale version is **106, 106, 106**.

A 20% lighter version of the original color is **129, 157, 255**, and **0, 60, 188** is the 20% darker color. If you saturate the color by 10%, you get **30, 88, 245**, and if you desaturate by 10%, it is **80, 124, 245**.

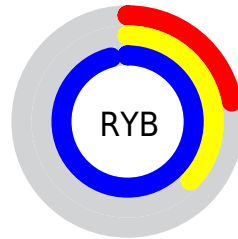
Distribution



Red (22%)

Green (42%)

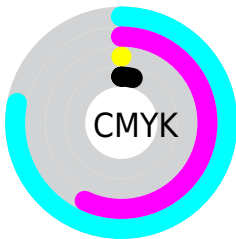
Blue (96%)



Red (22%)

Yellow (37%)

Blue (96%)

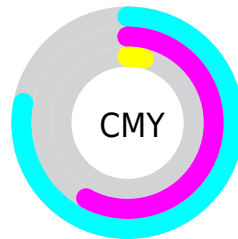


Cyan (78%)

Magenta (57%)

Yellow (0%)

Black (4%)



Cyan (78%)
















Magenta (58%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 55, 106, 245 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, 106, 245 by changing the saturation by 10% instead.

 55, 106, 245	 55, 106, 245
255, 255, 255	 0, 82, 216
 129, 157, 255	 0, 60, 188
 161, 183, 255	 0, 40, 160
 193, 211, 255	 0, 22, 133
 224, 239, 255	 0, 0, 107
	 0, 11, 81
	 0, 5, 57
	 0, 2, 35
	 0, 0, 10

■ 55, 106, 245

■ 55, 106, 245

■ 30, 88, 245

■ 80, 124, 245

■ 6, 70, 245

■ 104, 142, 245

■ 0, 66, 245

■ 129, 160, 245

■ 153, 178, 245

■ 178, 196, 245

■ 202, 214, 245

■ 227, 231, 245

■ 251, 249, 245

■ 255, 255, 245

Harmonies

Analogous

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



0, 131, 255



55, 106, 245



181, 64, 200

Triad

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



55, 106, 245



204, 75, 0



0, 144, 98

Complementary

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



55, 106, 245



245, 194, 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, 139, 17



55, 106, 245



156, 109, 0

Square

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



55, 106, 245



231, 16, 68



91, 129, 0



0, 145, 169

Rectangle

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



55, 106, 245



216, 22, 158



91, 129, 0



0, 143, 74

Sweetspot

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



55, 106, 245



196, 212, 255



55, 245, 191



92, 101, 128



0, 0, 0



128, 128, 128

Same Dimension

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



55, 106, 245



18, 82, 255



96, 55, 245



110, 113, 122



0, 50, 186



0, 16, 59

Inverse Universe

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



245, 55, 106



255, 18, 82



204, 245, 55



122, 110, 113



186, 0, 50



59, 0, 16

Previews

White Background



This preview shows how the RGB color 55, 106, 245 looks on a white background.

Color Contrast Check

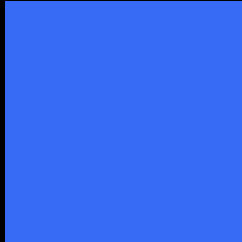
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 55, 106, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

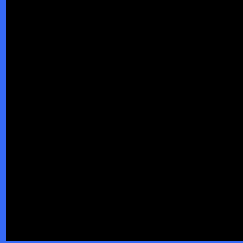
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 55, 106, 245 Background



This preview shows how black text looks on a background with the RGB color 55, 106, 245.

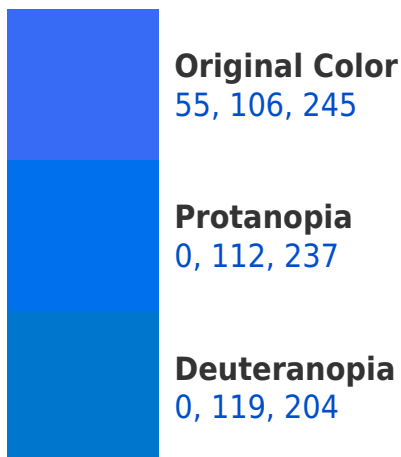


This preview shows how white text looks on a background with the RGB color 55, 106, 245.

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





Tritanopia
0, 129, 137

Trichromacy



Original Color
55, 106, 245

Protanomaly
20, 110, 240

Deuteranomaly
20, 114, 219

Tritanomaly
20, 121, 176

Monochromacy



Original Color
55, 106, 245

Achromatopsia
107, 107, 107

Achromatomaly
88, 107, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 55, 106, 245 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, 106, 245)` looks like.

```
.text, #text, p{  
    color:rgb(55, 106, 245)  
}
```

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, 106, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 106, 245) }
```

Border

The CSS property to change the border of an element to RGB 55, 106, 245 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, 106, 245) }
```

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

```
.border{ border-color:rgb(55, 106, 245) }
```

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

Here you see how a box with a 4 pixel rgb(55, 106, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 106, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 106, 245);  
box-shadow:4px 4px 4px 4px rgb(55, 106,  
245) }
```

Background

The CSS property to change the background color of an element to RGB 55, 106, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 106, 245) }
```

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

```
.background{ background-color: rgb(55, 106,  
245) }
```

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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