

Converting Colors

RGB(55, 55, 250)

Have a look what the booklet for
RGB(55, 55, 250) contains.

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Color

RGB(55, 55, 250)

Conversions

Conversions Part 1	
Format	Color
Hex	3737FA
RGB	55, 55, 250
RGB Percent	22%, 22%, 98%
CMY	0.7843, 0.7843, 0.0196
CMYK	0.78, 0.78, 0.00, 0.02
HSL	240°, 95%, 60%
HSV	240°, 78%, 98%
XYZ	20.1971, 10.4467, 91.3944
YIQ	77.2300, -62.5950, 60.6450

Conversions

Conversions Part 2

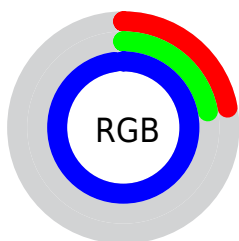
Format	Color
RYB	55, 55, 250
Decimal	3618810
CIELab	38.63, 62.88, -94.47
CIELCh	39, 113.483, 303.650
Yxy	10.4467, 0.1655, 0.0856
Android (android.graphics.Color)	4281808890 (0xFF3737FA)
YUV	77.2300, 85.1756, -19.4957
Hunter-Lab	32.3214, 54.9790, -145.0278

Details

The RGB color **55, 55, 250** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **250, 250, 55**, and the grayscale version is **76, 76, 76**.

A 20% lighter version of the original color is **134, 106, 255**, and **0, 1, 192** is the 20% darker color. If you saturate the color by 10%, you get **30, 30, 250**, and if you desaturate by 10%, it is **80, 80, 250**.

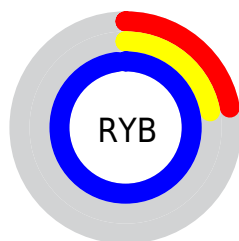
Distribution



Red (22%)

Green (22%)

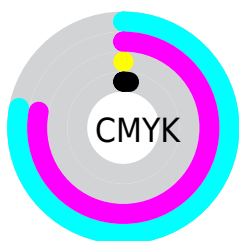
Blue (98%)



Red (22%)

Yellow (22%)

Blue (98%)

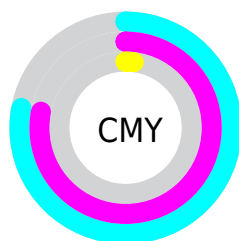


Cyan (78%)

Magenta (78%)

Yellow (0%)

Black (2%)



Cyan (78%)



















Magenta (78%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the RGB color 55, 55, 250 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, 55, 250 by changing the saturation by 10% instead.

 55, 55, 250	 55, 55, 250
 255, 255, 255	 0, 30, 221
 134, 106, 255	 0, 1, 192
 167, 132, 255	 0, 0, 164
 200, 159, 255	 0, 0, 136
 232, 187, 255	 0, 9, 110
 255, 215, 255	 0, 11, 84
 255, 244, 255	 0, 6, 60
	 0, 2, 37
	 0, 1, 14

 55, 55, 250

 55, 55, 250


 30, 30, 250

 80, 80, 250


 5, 5, 250

 105, 105, 250

 0, 0, 250

 130, 130, 250

 155, 155, 250

 180, 180, 250

 205, 205, 250

 230, 230, 250

 255, 255, 250

Harmonies

Analogous

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



0, 105, 255



55, 55, 250



200, 0, 175

Triad

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



55, 55, 250



172, 43, 0



0, 120, 101

Complementary

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



55, 55, 250



250, 250, 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, 117, 0



55, 55, 250



102, 93, 0

Square

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



55, 55, 250



221, 0, 0



0, 111, 0



0, 123, 194

Rectangle

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



55, 55, 250



231, 0, 115



0, 111, 0



0, 119, 68

Sweetspot

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



55, 55, 250



196, 196, 255



55, 250, 250



92, 92, 128



0, 0, 0



128, 128, 128

Same Dimension

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



55, 55, 250



15, 15, 255



153, 55, 250



112, 112, 125



0, 0, 189



0, 0, 61

Inverse Universe

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



250, 55, 250



255, 15, 255



153, 250, 55



125, 112, 125



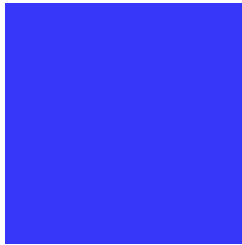
189, 0, 189



61, 0, 61

Previews

White Background



This preview shows how the RGB color 55, 55, 250 looks on a white background.

Color Contrast Check

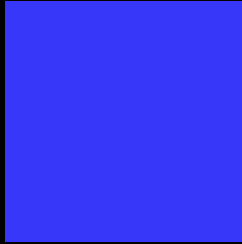
Large Text (above 18pt) WCAG AA ✓ Pass

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, 55, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

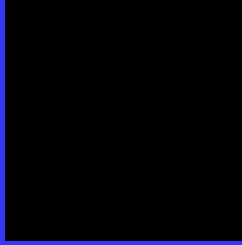
Any Text WCAG AA ✗ Fail

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, 55, 250 Background



This preview shows how black text looks on a background with the RGB color 55, 55, 250.



This preview shows how white text looks on a background with the RGB color 55, 55, 250.

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, 55, 250

Protanopia

0, 87, 182

Deuteranopia

0, 93, 155



Tritanopia
0, 100, 105

Trichromacy



Original Color

55, 55, 250



Protanomaly

20, 75, 207



Deuteranomaly

20, 79, 190



Tritanomaly

20, 84, 158

Monochromacy



Original Color

55, 55, 250



Achromatopsia

77, 77, 77



Achromatomaly

69, 69, 140

CSS Examples

Text

The CSS property to change the color of the text to RGB 55, 55, 250 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, 55, 250)` looks like.

```
.text, #text, p{  
    color:rgb(55, 55, 250)  
}
```

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, 55, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 55, 250) }
```

Border

The CSS property to change the border of an element to RGB 55, 55, 250 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, 55, 250) }
```

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

```
.border{ border-color:rgb(55, 55, 250) }
```

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

Here you see how a box with a 4 pixel rgb(55, 55, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 55, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 55, 250);  
box-shadow:4px 4px 4px 4px rgb(55, 55,  
250) }
```

Background

The CSS property to change the background color of an element to RGB 55, 55, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 55, 250) }
```

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

```
.background{ background-color: rgb(55, 55,  
250) }
```

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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