Converting Colors

RGB(51, 60, 255)

Have a look what the booklet for RGB(51, 60, 255) contains.

Color

RGB(51, 60, 255)

Conversions

Conversions Part 1

Format	Color
Hex	333CFF
RGB	51, 60, 255
RGB Percent	20%, 24%, 100%
CMY	0.8000, 0.7647, 0.0000
CMYK	0.80, 0.76, 0.00, 0.00
HSL	237°, 100%, 60%
HSV	237°, 80%, 100%
XYZ	21.0311, 11.1555, 95.6525
YIQ	79.5390, -67.9590, 58.7370

Conversions

Conversions Part 2

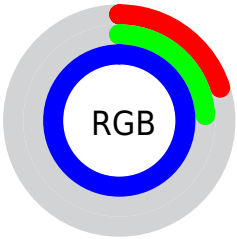
Format	Color
RYB	51, 60, 255
Decimal	3357951
CIELab	39.84, 61.73, -95.27
CIELCh	40, 113.518, 302.940
Yxy	11.1555, 0.1645, 0.0873
Android (android.graphics.Color)	4281548031 (0xFF333CFF)
YUV	79.5390, 86.5023, -25.0287
Hunter-Lab	33.3999, 53.9473, -146.4182

Details

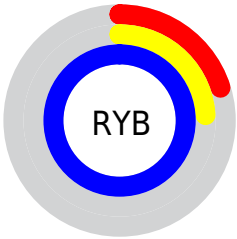
The RGB color 51, 60, 255 is a dark color, and the websafe version is hex 3333FF. The color can be described as dark washed blue. A complement of this color would be 255, 246, 51, and the grayscale version is 79, 79, 79.

A 20% lighter version of the original color is 133, 110, 255, and 0, 9, 197 is the 20% darker color. If you saturate the color by 10%, you get 25, 36, 255, and if you desaturate by 10%, it is 77, 84, 255.

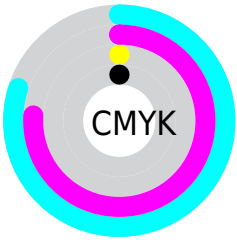
Distribution



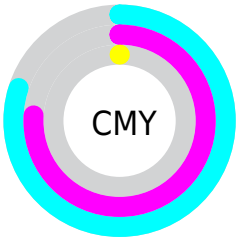
- Red (20%)
- Green (24%)
- Blue (100%)



- Red (20%)
- Yellow (24%)
- Blue (100%)



- Cyan (80%)
- Magenta (76%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (76%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 51, 60, 255 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 51, 60, 255 by changing the saturation by 10% instead.

51, 60, 255	51, 60, 255
255, 255, 255	0, 35, 225
133, 110, 255	0, 9, 197
166, 137, 255	0, 0, 168
199, 164, 255	0, 0, 141
231, 191, 255	0, 8, 114
255, 220, 255	0, 13, 88
255, 248, 255	0, 7, 64
	0, 3, 41
	0, 1, 19

51, 60, 255

25, 36, 255

0, 11, 255

51, 60, 255

77, 84, 255

102, 109, 255

128, 133, 255

153, 157, 255

179, 182, 255

204, 206, 255

230, 231, 255

255, 255, 255

Harmonies

Analogous

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

0, 108, 255

51, 60, 255

202, 0, 181

Triad

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

51, 60, 255

178, 44, 0

0, 124, 101

Complementary

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

51, 60, 255

255, 246, 51

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, 121, 0

51, 60, 255

107, 95, 0

Square

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

51, 60, 255

226, 0, 0

0, 114, 0

0, 126, 195

Rectangle

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

51, 60, 255

234, 0, 120

0, 114, 0

0, 123, 68

Sweetspot

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

51, 60, 255

194, 196, 255

51, 255, 245

91, 92, 128

0, 0, 0

128, 128, 128

Same Dimension

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

51, 60, 255

10, 21, 255

143, 51, 255

115, 115, 128

0, 8, 191

0, 3, 64

Inverse Universe

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

255, 51, 60

255, 10, 21

163, 255, 51

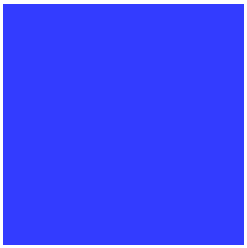
128, 115, 115

191, 0, 8

64, 0, 3

Previews

White Background

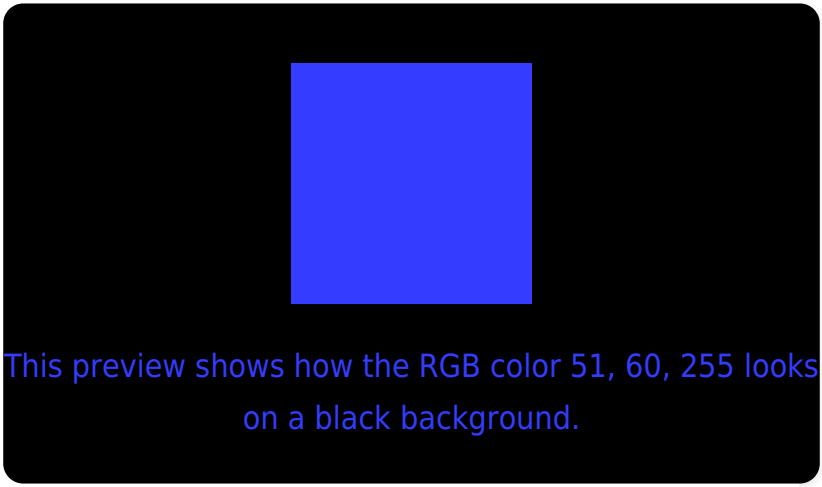


This preview shows how the RGB color 51, 60, 255 looks on a white background.

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



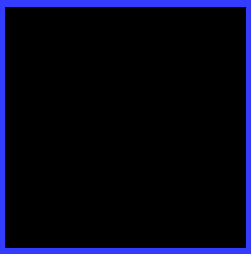
This preview shows how the RGB color 51, 60, 255 looks on a black background.

Color Contrast Check

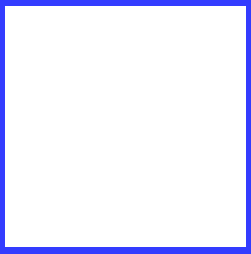
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

RGB 51, 60, 255 Background



This preview shows how black text looks on a background with the RGB color 51, 60, 255.



This preview shows how white text looks on a background with the RGB color 51, 60, 255.

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

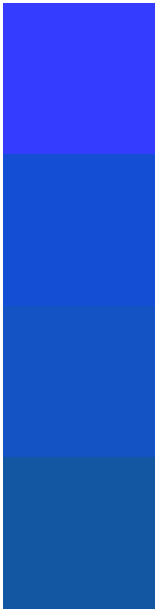
Original Color
51, 60, 255

Protanopia
0, 89, 188

Deuteranopia
0, 96, 160

Tritanopia
0, 103, 109

Trichromacy



Original Color
51, 60, 255

Protanomaly
19, 78, 212

Deuteranomaly
19, 83, 195

Tritanomaly
19, 87, 162

Monochromacy

Original Color
51, 60, 255

Achromatopsia
80, 80, 80

Achromatomaly
69, 73, 144

CSS Examples

Text

The CSS property to change the color of the text to RGB 51, 60, 255 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(51, 60, 255) looks like.

```
.text, #text, p{
    color:rgb(51, 60, 255)
}
```

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(51, 60, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 60, 255) }
```

Border

The CSS property to change the border of an element to RGB 51, 60, 255 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(51, 60, 255) }
```

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

```
.border{ border-color:rgb(51, 60, 255) }
```

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

Here you see how a box with a 4 pixel rgb(51, 60, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(51, 60, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(51, 60, 255); box-shadow:4px 4px 4px 4px rgb(51, 60, 255) }
```

Background

The CSS property to change the background color of an element to RGB 51, 60, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(51, 60, 255) }
```

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

```
.background{ background-color:rgb(51, 60,
255) }
```

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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