Converting Colors

RGB(5, 131, 241)

Have a look what the booklet for RGB(5, 131, 241) contains.

Color

RGB(5, 131, 241)

Conversions

Conversions Part 1

Format	Color
Hex	0583F1
RGB	5, 131, 241
RGB Percent	2%, 51%, 95%
CMY	0.9804, 0.4863, 0.0549
CMYK	0.98, 0.46, 0.00, 0.05
HSL	208°, 96%, 48%
HSV	208°, 98%, 95%
XYZ	24.0561, 22.6157, 86.3165
YIQ	105.8660, -110.4060, 7.4980

Conversions

Conversions Part 2

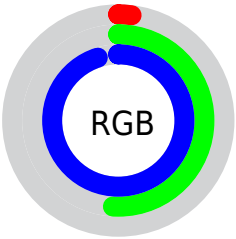
Format	Color
RYB	5, 87, 241
Decimal	361457
CIELab	54.67, 11.64, -63.25
CIELCh	55, 64.311, 280.432
Yxy	22.6157, 0.1809, 0.1701
Android (android.graphics.Color)	4278551537 (0xFF0583F1)
YUV	105.8660, 66.6211, -88.4595
Hunter-Lab	47.5560, 7.0707, -74.3250

Details

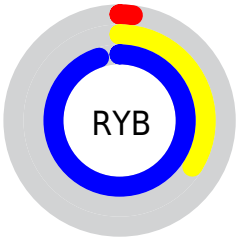
The RGB color 5, 131, 241 is a dark color, and the websafe version is hex 3399FF. The color can be described as dark saturated azure. A complement of this color would be 241, 115, 5, and the grayscale version is 105, 105, 105.

A 20% lighter version of the original color is 109, 183, 255, and 0, 83, 184 is the 20% darker color. If you saturate the color by 10%, you get 0, 129, 241, and if you desaturate by 10%, it is 29, 142, 241.

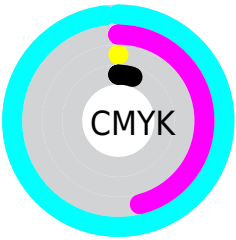
Distribution



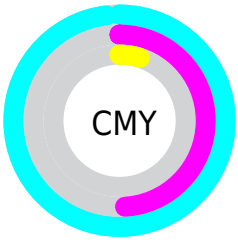
- Red (2%)
- Green (51%)
- Blue (95%)



- Red (2%)
- Yellow (34%)
- Blue (95%)



- Cyan (98%)
- Magenta (46%)
- Yellow (0%)
- Black (5%)



- Cyan (98%)
- Magenta (49%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 5, 131, 241 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 5, 131, 241 by changing the saturation by 10% instead.

5, 131, 241

255, 255, 255

109, 183, 255

143, 211, 255

175, 239, 255

206, 255, 255

238, 255, 255

5, 131, 241

0, 106, 212

0, 83, 184

0, 61, 157

0, 40, 130

0, 21, 104

0, 10, 79

0, 5, 55

0, 2, 33

0, 0, 6

5, 131, 241

0, 129, 241

5, 131, 241

29, 142, 241

53, 153, 241

77, 165, 241

101, 176, 241

126, 187, 241

150, 198, 241

174, 210, 241

198, 221, 241

222, 232, 241

Harmonies

Analogous

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

0, 147, 236

5, 131, 241

157, 107, 216

Triad

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

5, 131, 241

219, 90, 61

0, 154, 91

Complementary

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

5, 131, 241

241, 115, 5

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.

77, 147, 36

5, 131, 241

186, 115, 5

Square

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

5, 131, 241

230, 72, 114

139, 134, 0

0, 156, 149

Rectangle

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

5, 131, 241

198, 89, 187

139, 134, 0

0, 152, 72

Sweetspot

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

5, 131, 241

181, 221, 255

5, 241, 111

83, 107, 128

0, 0, 0

128, 128, 128

Same Dimension

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

5, 131, 241

0, 136, 255

5, 17, 241

108, 114, 120

0, 98, 184

0, 30, 56

Inverse Universe

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

241, 5, 131

255, 0, 136

241, 229, 5

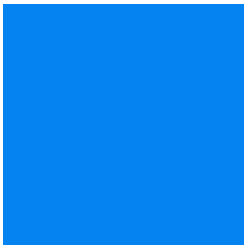
120, 108, 114

184, 0, 98

56, 0, 30

Previews

White Background

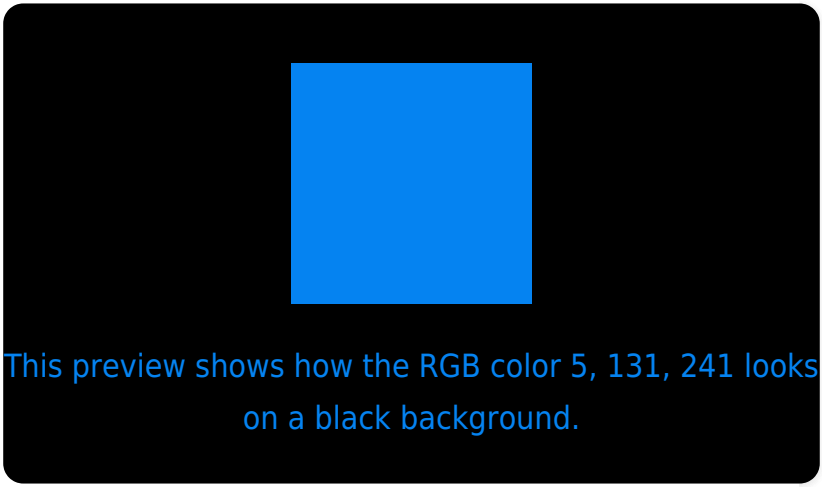


This preview shows how the RGB color 5, 131, 241 looks on a white background.

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

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 5, 131, 241 Background

This preview shows how black text looks on a background with the RGB color 5, 131, 241.

This preview shows how white text looks on a background with the RGB color 5, 131, 241.

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
5, 131, 241

Protanopia
76, 126, 236

Deuteranopia
0, 133, 234

Tritanopia
0, 145, 154

Trichromacy

Original Color
5, 131, 241

Protanomaly
50, 128, 238

Deuteranomaly
2, 132, 237

Tritanomaly
2, 140, 186

Monochromacy

Original Color
5, 131, 241

Achromatopsia
106, 106, 106

Achromatomaly
69, 115, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 5, 131, 241 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(5, 131, 241) looks like.

```
.text, #text, p{
    color:rgb(5, 131, 241)
}
```

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(5, 131, 241) colored shadow looks like.

Here you see how black text with a 4 pixel rgb(5, 131, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 131, 241) }
```

Border

The CSS property to change the border of an element to RGB 5, 131, 241 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(5, 131, 241) }
```

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

```
.border{ border-color:rgb(5, 131, 241) }
```

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

Here you see how a box with a 4 pixel rgb(5, 131, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(5, 131, 241); -webkit-box-shadow:4px 4px 4px 4px rgb(5, 131, 241); box-shadow:4px 4px 4px 4px rgb(5, 131, 241) }
```

Background

The CSS property to change the background color of an element to RGB 5, 131, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(5, 131, 241) }
```

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

```
.background{ background-color:rgb(5, 131, 241) }
```

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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