Converting Colors

RGB(131, 88, 251)

Have a look what the booklet for RGB(131, 88, 251) contains.

Color

RGB(131, 88, 251)

Conversions

Conversions Part 1

Format	Color
Hex	8358FB
RGB	131, 88, 251
RGB Percent	51%, 35%, 98%
CMY	0.4863, 0.6549, 0.0157
CMYK	0.48, 0.65, 0.00, 0.02
HSL	256°, 95%, 66%
HSV	256°, 65%, 98%
XYZ	30.2624, 18.7698, 93.2947
YIQ	119.4390, -26.6950, 59.8090

Conversions

Conversions Part 2

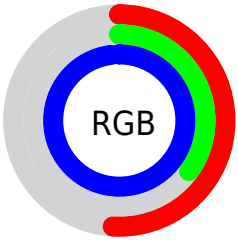
Format	Color
RYB	131, 88, 251
Decimal	8607995
CIELab	50.42, 55.14, -75.45
CIELCh	50, 93.452, 306.162
Yxy	18.7698, 0.2126, 0.1319
Android (android.graphics.Color)	4286798075 (0xFF8358FB)
YUV	119.4390, 64.8596, 10.1390
Hunter-Lab	43.3241, 48.8671, -97.3490

Details

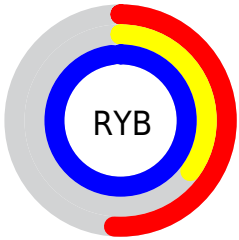
The RGB color 131, 88, 251 is a light color, and the websafe version is hex 9966FF. The color can be described as light muted purple. A complement of this color would be 208, 251, 88, and the grayscale version is 119, 119, 119.

A 20% lighter version of the original color is 192, 140, 255, and 67, 38, 193 is the 20% darker color. If you saturate the color by 10%, you get 113, 63, 251, and if you desaturate by 10%, it is 149, 113, 251.

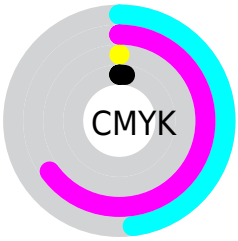
Distribution



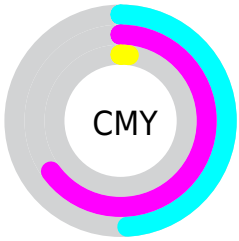
- Red (51%)
- Green (35%)
- Blue (98%)



- Red (51%)
- Yellow (35%)
- Blue (98%)



- Cyan (48%)
- Magenta (65%)
- Yellow (0%)
- Black (2%)



- Cyan (49%)
- Magenta (65%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 131, 88, 251 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 131, 88, 251 by changing the saturation by 10% instead.

131, 88, 251

255, 255, 255

192, 140, 255

222, 167, 255

253, 195, 255

255, 224, 255

255, 253, 255

131, 88, 251

100, 63, 222

67, 38, 193

23, 9, 165

0, 0, 138

0, 0, 112

0, 1, 86

0, 6, 62

0, 3, 39

0, 1, 16

131, 88, 251

113, 63, 251

94, 38, 251

76, 13, 251

66, 0, 251

131, 88, 251

149, 113, 251

168, 138, 251

186, 163, 251

205, 188, 251

223, 213, 251

242, 239, 251

255, 255, 251

Harmonies

Analogous

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

0, 127, 255

131, 88, 251

223, 0, 186

Triad

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

131, 88, 251

196, 90, 0

0, 151, 135

Complementary

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

131, 88, 251

208, 251, 88

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, 148, 49

131, 88, 251

132, 123, 0

Square

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

131, 88, 251

239, 14, 28

28, 140, 0

0, 151, 213

Rectangle

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

131, 88, 251

248, 0, 134

28, 140, 0

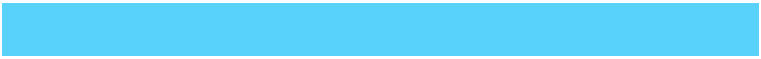
0, 150, 107

Sweetspot

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

131, 88, 251

219, 207, 255



88, 210, 251

106, 98, 128

0, 0, 0

128, 128, 128

Same Dimension

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

131, 88, 251

109, 56, 255

210, 88, 251

116, 112, 125

50, 0, 189

16, 0, 61

Inverse Universe

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

251, 88, 208

255, 56, 203

129, 251, 88

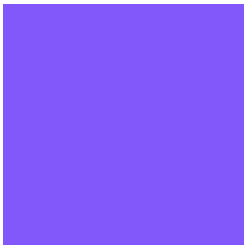
125, 112, 122

189, 0, 139

61, 0, 45

Previews

White Background

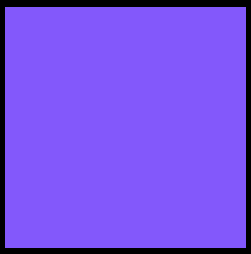


This preview shows how the RGB color 131, 88, 251 looks on a white background.

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



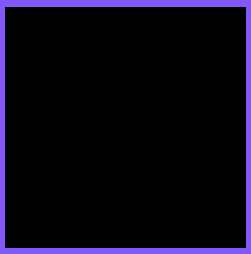
This preview shows how the RGB color 131, 88, 251 looks on a black background.

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 131, 88, 251 Background



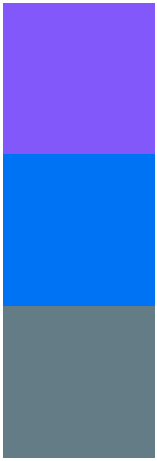
This preview shows how black text looks on a background with the RGB color 131, 88, 251.

This preview shows how white text looks on a background with the RGB color 131, 88, 251.

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

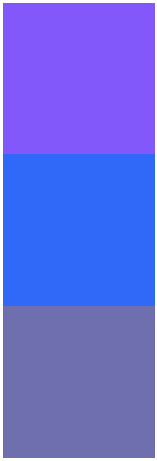


Original Color
131, 88, 251

Protanopia
0, 115, 244

Tritanopia
99, 124, 133

Trichromacy



Original Color
131, 88, 251

Protanomaly
48, 105, 247

Tritanomaly
111, 111, 176

Monochromacy

Original Color
131, 88, 251

Achromatopsia
119, 119, 119

Achromatomaly
123, 108, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 131, 88, 251 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(131, 88, 251) looks like.

```
.text, #text, p{
    color:rgb(131, 88, 251)
}
```

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(131, 88, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 88, 251) }
```

Border

The CSS property to change the border of an element to RGB 131, 88, 251 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(131, 88, 251) }
```

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

```
.border{ border-color:rgb(131, 88, 251) }
```

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

Here you see how a box with a 4 pixel rgb(131, 88, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 88, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 88, 251); box-shadow:4px 4px 4px 4px rgb(131, 88, 251) }
```

Background

The CSS property to change the background color of an element to RGB 131, 88, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(131, 88, 251) }
```

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

```
.background{ background-color:rgb(131, 88,
251) }
```

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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