Converting Colors

RGB(130, 55, 251)

Have a look what the booklet for RGB(130, 55, 251) contains.

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Color

RGB(130, 55, 251)

Conversions

Conversions Part 1

Format	Color
Hex	8237FB
RGB	130, 55, 251
RGB Percent	51%, 22%, 98%
CMY	0.4902, 0.7843, 0.0157
CMYK	0.48, 0.78, 0.00, 0.02
HSL	263°, 96%, 60%
HSV	263°, 78%, 98%
XYZ	27.9847, 14.4432, 92.5797
YIQ	99.7690, -18.2160, 76.8560

Conversions

Conversions Part 2

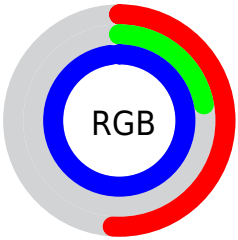
Format	Color
RYB	130, 55, 251
Decimal	8534011
CIELab	44.86, 70.30, -84.54
CIELCh	45, 109.947, 309.744
Yxy	14.4432, 0.2073, 0.1070
Android (android.graphics.Color)	4286724091 (0xFF8237FB)
YUV	99.7690, 74.5569, 26.5126
Hunter-Lab	38.0043, 64.9322, -117.8294

Details

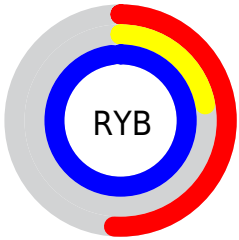
The RGB color 130, 55, 251 is a dark color, and the websafe version is hex 9933FF. The color can be described as middle washed purple. A complement of this color would be 176, 251, 55, and the grayscale version is 99, 99, 99.

A 20% lighter version of the original color is 192, 111, 255, and 62, 0, 193 is the 20% darker color. If you saturate the color by 10%, you get 115, 30, 251, and if you desaturate by 10%, it is 145, 80, 251.

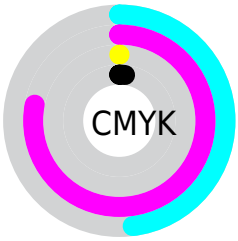
Distribution



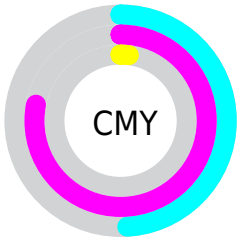
- Red (51%)
- Green (22%)
- Blue (98%)



- Red (51%)
- Yellow (22%)
- Blue (98%)



- Cyan (48%)
- Magenta (78%)
- Yellow (0%)
- Black (2%)



- Cyan (49%)
- Magenta (78%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 130, 55, 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 130, 55, 251 by changing the saturation by 10% instead.

130, 55, 251

255, 255, 255

192, 111, 255

223, 138, 255

254, 166, 255

255, 194, 255

255, 223, 255

255, 253, 255

130, 55, 251

98, 22, 222

62, 0, 193

3, 0, 165

0, 0, 138

0, 0, 111

0, 8, 85

0, 6, 61

0, 3, 38

0, 1, 15

130, 55, 251

115, 30, 251

99, 5, 251

96, 0, 251

130, 55, 251

145, 80, 251

161, 105, 251

176, 130, 251

192, 155, 251

207, 181, 251

223, 206, 251

238, 231, 251

254, 255, 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, 112, 255

130, 55, 251

229, 0, 172

Triad

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

130, 55, 251

178, 75, 0

0, 138, 135

Complementary

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

130, 55, 251

176, 251, 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, 135, 33

130, 55, 251

103, 113, 0

Square

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

130, 55, 251

232, 0, 0

0, 129, 0

0, 139, 224

Rectangle

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

130, 55, 251

252, 0, 112

0, 129, 0

0, 137, 103

Sweetspot

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

130, 55, 251

219, 196, 255

55, 179, 251

105, 92, 128

0, 0, 0

128, 128, 128

Same Dimension

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

130, 55, 251

107, 15, 255

225, 55, 251

117, 112, 125

72, 0, 189

23, 0, 61

Inverse Universe

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

251, 55, 176

255, 15, 163

81, 251, 55

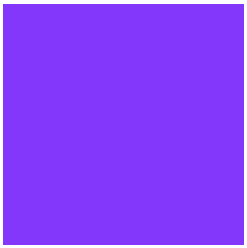
125, 112, 120

189, 0, 116

61, 0, 38

Previews

White Background

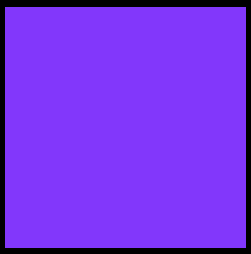


This preview shows how the RGB color 130, 55, 251 looks on a white background.

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



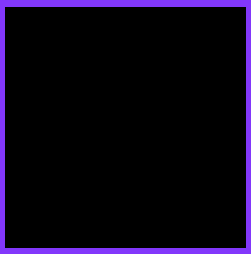
This preview shows how the RGB color 130, 55, 251 looks on a black background.

Color Contrast Check

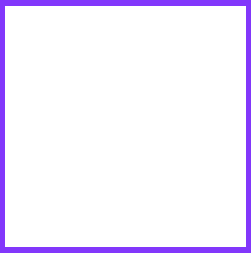
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

RGB 130, 55, 251 Background



This preview shows how black text looks on a background with the RGB color 130, 55, 251.

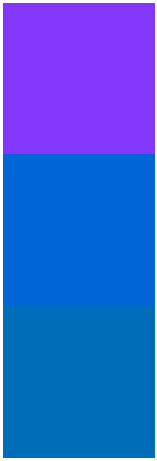


This preview shows how white text looks on a background with the RGB color 130, 55, 251.

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



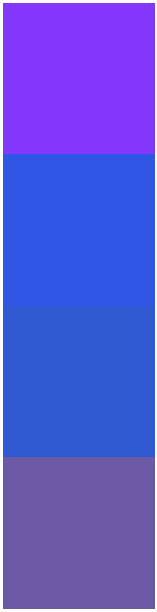
Original Color
130, 55, 251

Protanopia
0, 102, 215

Deuteranopia
0, 109, 185

Tritanopia
94, 108, 116

Trichromacy



Original Color
130, 55, 251

Protanomaly
47, 85, 228

Deuteranomaly
47, 89, 209

Tritanomaly
107, 89, 165

Monochromacy

Original Color
130, 55, 251

Achromatopsia
100, 100, 100

Achromatomaly
111, 84, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 130, 55, 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(130, 55, 251) looks like.

```
.text, #text, p{
    color:rgb(130, 55, 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(130, 55, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 55, 251) }
```

Border

The CSS property to change the border of an element to RGB 130, 55, 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(130, 55, 251) }
```

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

```
.border{ border-color:rgb(130, 55, 251) }
```

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

Here you see how a box with a 4 pixel rgb(130, 55, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 55, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 55, 251); box-shadow:4px 4px 4px 4px rgb(130, 55, 251) }
```

Background

The CSS property to change the background color of an element to RGB 130, 55, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(130, 55, 251) }
```

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

```
.background{ background-color:rgb(130, 55,
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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