Converting Colors

RGB(179, 95, 240)

Have a look what the booklet for RGB(179, 95, 240) contains.

Color

RGB(179, 95, 240)

Conversions

Format	Color
Hex	B35FF0
RGB	179, 95, 240
RGB Percent	70%, 37%, 94%
CMY	0.2980, 0.6275, 0.0588
CMYK	0.25, 0.60, 0.00, 0.06
HSL	275°, 83%, 66%
HSV	275°, 60%, 94%
XYZ	38.4108, 24.0594, 85.0575
YIQ	136.6460, 3.5190, 62.9030

Conversions Part 1

Conversions

Conversions Part 2

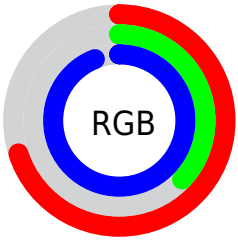
Format	Color
RYB	179, 95, 240
Decimal	11755504
CIELab	56.15, 58.69, -59.80
CIELCh	56, 83.789, 314.459
Yxy	24.0594, 0.2604, 0.1631
Android (android.graphics.Color)	4289945584 (0xFFB35FF0)
YUV	136.6460, 50.9535, 37.1445
Hunter-Lab	49.0504, 53.9432, -68.4786

Details

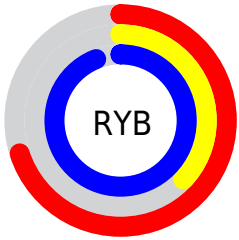
The RGB color 179, 95, 240 is a light color, and the websafe version is hex CC66FF. The color can be described as light muted purple. A complement of this color would be 156, 240, 95, and the grayscale version is 136, 136, 136.

A 20% lighter version of the original color is 238, 149, 255, and 122, 40, 183 is the 20% darker color. If you saturate the color by 10%, you get 169, 71, 240, and if you desaturate by 10%, it is 189, 119, 240.

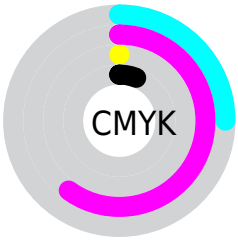
Distribution



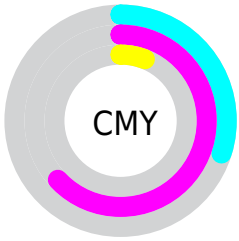
- Red (70%)
- Green (37%)
- Blue (94%)



- Red (70%)
- Yellow (37%)
- Blue (94%)



- Cyan (25%)
- Magenta (60%)
- Yellow (0%)
- Black (6%)



- Cyan (30%)
- Magenta (63%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 179, 95, 240 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 179, 95, 240 by changing the saturation by 10% instead.

179, 95, 240

255, 255, 255

238, 149, 255

255, 177, 255

255, 205, 255

255, 234, 255

179, 95, 240

150, 68, 211

122, 40, 183

93, 3, 156

65, 0, 129

34, 0, 103

0, 0, 78

0, 5, 54

0, 2, 32

0, 0, 4

179, 95, 240

169, 71, 240

159, 47, 240

149, 23, 240

139, 0, 240

179, 95, 240

189, 119, 240

199, 143, 240

209, 167, 240

219, 191, 240

229, 215, 240

240, 239, 240

250, 255, 240

255, 255, 240

Harmonies

Analogous

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

0, 132, 255

179, 95, 240

243, 45, 176

Triad

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

179, 95, 240

194, 117, 0

0, 166, 169

Complementary

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

179, 95, 240

156, 240, 95

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, 163, 93

179, 95, 240

131, 142, 0

Square

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

179, 95, 240

239, 79, 30

21, 156, 0

0, 164, 236

Rectangle

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

179, 95, 240

255, 22, 127

21, 156, 0

0, 165, 144

Sweetspot

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

179, 95, 240

236, 209, 255

95, 158, 240

116, 99, 128

0, 0, 0

128, 128, 128

Same Dimension

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

179, 95, 240

177, 69, 255

240, 95, 230

115, 108, 120

106, 0, 184

32, 0, 56

Inverse Universe

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

240, 95, 156

255, 69, 147

95, 240, 105

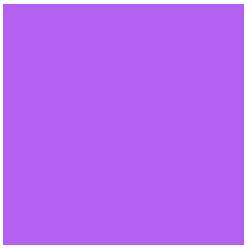
120, 108, 113

184, 0, 77

56, 0, 24

Previews

White Background

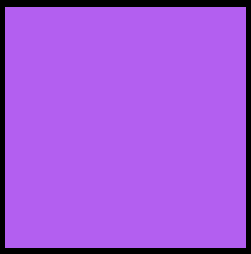


This preview shows how the RGB color 179, 95, 240 looks on a white background.

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



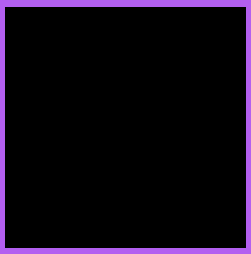
This preview shows how the RGB color 179, 95, 240 looks on a black background.

Color Contrast Check

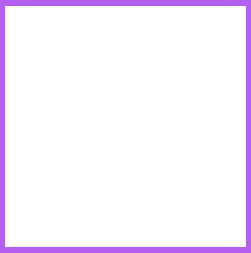
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

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

RGB 179, 95, 240 Background



This preview shows how black text looks on a background with the RGB color 179, 95, 240.

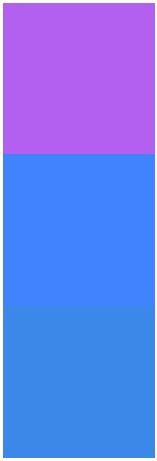


This preview shows how white text looks on a background with the RGB color 179, 95, 240.

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



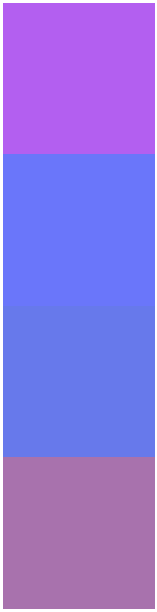
Original Color
179, 95, 240

Protanopia
65, 131, 255

Deuteranopia
60, 136, 232

Tritanopia
161, 125, 134

Trichromacy



Original Color
179, 95, 240

Protanomaly
106, 118, 250

Deuteranomaly
103, 121, 235

Tritanomaly
168, 114, 173

Monochromacy

Original Color
179, 95, 240

Achromatopsia
137, 137, 137

Achromatomaly
152, 122, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 179, 95, 240 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(179, 95, 240) looks like.

```
.text, #text, p{
    color:rgb(179, 95, 240)
}
```

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(179, 95, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 95, 240) }
```

Border

The CSS property to change the border of an element to RGB 179, 95, 240 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(179, 95, 240) }
```

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

```
.border{ border-color:rgb(179, 95, 240) }
```

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

Here you see how a box with a 4 pixel rgb(179, 95, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 95, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 95, 240); box-shadow:4px 4px 4px 4px rgb(179, 95, 240) }
```

Background

The CSS property to change the background color of an element to RGB 179, 95, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(179, 95, 240) }
```

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

```
.background{ background-color:rgb(179, 95,
240) }
```

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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