

Converting Colors

RGB(183, 85, 230)

Have a look what the booklet for
RGB(183, 85, 230) contains.

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Color

RGB(183, 85, 230)

Conversions

Conversions Part 1

Format	Color
Hex	B755E6
RGB	183, 85, 230
RGB Percent	72%, 33%, 90%
CMY	0.2824, 0.6667, 0.0980
CMYK	0.20, 0.63, 0.00, 0.10
HSL	281°, 74%, 62%
HSV	281°, 63%, 90%
XYZ	37.0599, 22.2774, 77.2096
YIQ	130.8320, 11.8630, 65.8710

Conversions

Conversions Part 2

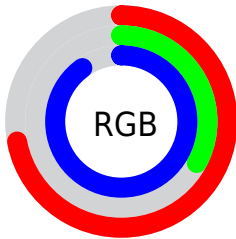
Format	Color
RYB	183, 85, 230
Decimal	12015078
CIELab	54.32, 62.18, -57.11
CIElCh	54, 84.421, 317.434
Yxy	22.2774, 0.2714, 0.1631
Android (android.graphics.Color)	4290205158 (0xFFB755E6)
YUV	130.8320, 48.8898, 45.7513
Hunter-Lab	47.1990, 57.5570, -63.9492

Details

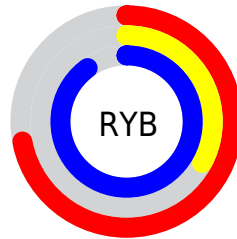
The RGB color **183, 85, 230** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **132, 230, 85**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **242, 140, 255**, and **126, 25, 174** is the 20% darker color. If you saturate the color by 10%, you get **176, 62, 230**, and if you desaturate by 10%, it is **190, 108, 230**.

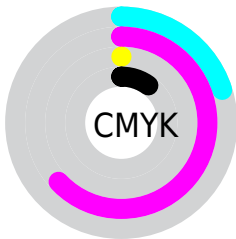
Distribution



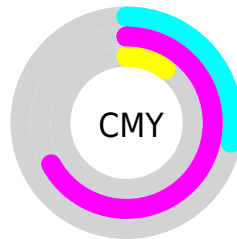
- Red (72%)
- Green (33%)
- Blue (90%)



- Red (72%)
- Yellow (33%)
- Blue (90%)



- Cyan (20%)
- Magenta (63%)
- Yellow (0%)
- Black (10%)



- Cyan (28%)
- Magenta (67%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 183, 85, 230 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 183, 85, 230 by changing the saturation by 10% instead.



183, 85, 230



183, 85, 230

255, 255, 255



154, 57, 201



242, 140, 255



126, 25, 174



255, 168, 255



98, 0, 146



255, 196, 255



70, 0, 120



255, 225, 255



41, 0, 94

255, 255, 255



5, 0, 70



0, 4, 46



0, 1, 25



0, 0, 0

■ 183, 85, 230

■ 183, 85, 230

■ 176, 62, 230

■ 190, 108, 230

■ 168, 39, 230

■ 198, 131, 230

■ 161, 16, 230

■ 205, 154, 230

■ 155, 0, 230

■ 213, 177, 230

■ 220, 200, 230

■ 228, 223, 230

■ 235, 246, 230

■ 243, 255, 230

■ 250, 255, 230

Harmonies

Analogous

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



0, 125, 255



183, 85, 230



242, 27, 164

Triad

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



183, 85, 230



183, 116, 0



0, 161, 172

Complementary

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



183, 85, 230



132, 230, 85

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, 159, 96



183, 85, 230



118, 140, 0

Square

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



183, 85, 230



231, 77, 13



0, 153, 0



0, 158, 237

Rectangle

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



183, 85, 230



254, 0, 115



0, 153, 0



0, 160, 147

Sweetspot

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



183, 85, 230



239, 207, 255



85, 133, 230



118, 98, 128



0, 0, 0



128, 128, 128

Same Dimension

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



183, 85, 230



192, 61, 255



230, 85, 206



111, 103, 115



121, 0, 179



34, 0, 51

Inverse Universe

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



230, 85, 132



255, 61, 124



85, 230, 109



115, 103, 107



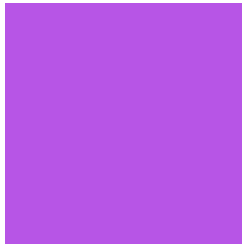
179, 0, 58



51, 0, 17

Previews

White Background



This preview shows how the RGB color 183, 85, 230 looks on a white background.

Color Contrast Check

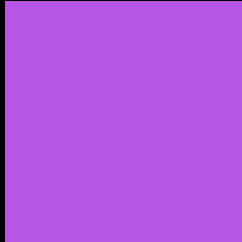
Large Text (above 18pt) WCAG AA ✓ Pass

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 183, 85, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

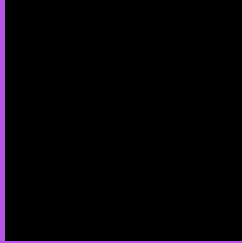
Any Text WCAG AA ✓ Pass

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 183, 85, 230 Background



This preview shows how black text looks on a background with the RGB color 183, 85, 230.

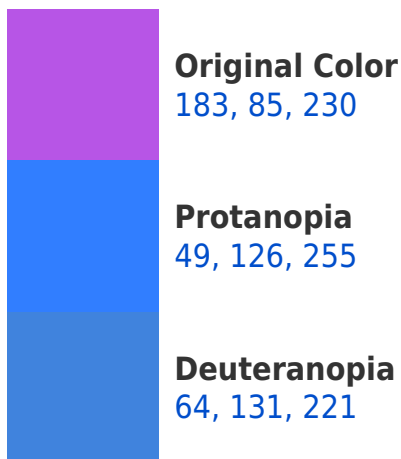



This preview shows how white text looks on a background with the RGB color 183, 85, 230.

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





Tritanopia
167, 116, 125

Trichromacy



Original Color
183, 85, 230



Protanomaly
98, 111, 246



Deuteranomaly
107, 114, 224



Tritanomaly
173, 105, 163

Monochromacy



Original Color
183, 85, 230



Achromatopsia
131, 131, 131



Achromatomaly
150, 114, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 183, 85, 230 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(183, 85, 230)` looks like.

```
.text, #text, p{  
    color:rgb(183, 85, 230)  
}
```

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(183, 85, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 85, 230) }
```

Border

The CSS property to change the border of an element to RGB 183, 85, 230 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(183, 85, 230) }
```

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

```
.border{ border-color:rgb(183, 85, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 85, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 85, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 85, 230);  
box-shadow:4px 4px 4px 4px rgb(183, 85,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 183, 85, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 85, 230) }
```

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

```
.background{ background-color: rgb(183, 85,  
230) }
```

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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