

Converting Colors

RGB(189, 94, 245)

Have a look what the booklet for
RGB(189, 94, 245) contains.

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Color

RGB(189, 94, 245)

Conversions

Conversions Part 1

Format	Color
Hex	BD5EF5
RGB	189, 94, 245
RGB Percent	74%, 37%, 96%
CMY	0.2588, 0.6314, 0.0392
CMYK	0.23, 0.62, 0.00, 0.04
HSL	278°, 88%, 66%
HSV	278°, 62%, 96%
XYZ	41.4704, 25.4168, 89.1064
YIQ	139.6190, 8.1490, 67.1010

Conversions

Conversions Part 2

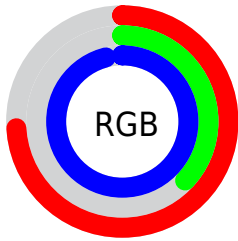
Format	Color
R _Y B	189, 94, 245
Decimal	12410613
CIE Lab	57.48, 62.51, -60.39
CIE LCh	57, 86.913, 315.990
Yxy	25.4168, 0.2658, 0.1629
Android (android.graphics.Color)	4290600693 (0xFFBD5EF5)
YUV	139.6190, 51.9528, 43.3071
Hunter-Lab	50.4151, 58.6040, -69.5019

Details

The RGB color **189, 94, 245** 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 **150, 245, 94**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **248, 149, 255**, and **131, 37, 188** is the 20% darker color. If you saturate the color by 10%, you get **180, 70, 245**, and if you desaturate by 10%, it is **198, 119, 245**.

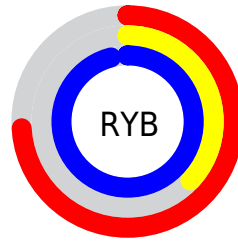
Distribution



Red (74%)

Green (37%)

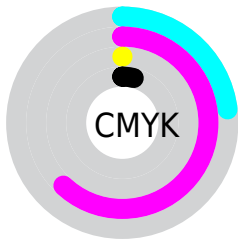
Blue (96%)



Red (74%)

Yellow (37%)

Blue (96%)

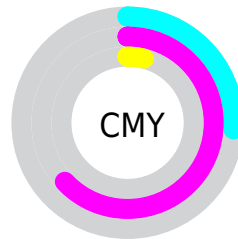


Cyan (23%)

Magenta (62%)

Yellow (0%)

Black (4%)



Cyan (26%)

Magenta (63%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 94, 245 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 189, 94, 245 by changing the saturation by 10% instead.



189, 94, 245



189, 94, 245

255, 255, 255



160, 66, 216



248, 149, 255



131, 37, 188



255, 177, 255



103, 0, 160



255, 206, 255



74, 0, 133



255, 235, 255



45, 0, 107



12, 0, 82



0, 0, 58




0, 2, 35




0, 0, 11

 189, 94, 245

 189, 94, 245


 180, 70, 245

 198, 119, 245

 171, 45, 245

 207, 143, 245

 162, 21, 245

 216, 168, 245

 154, 0, 245

 225, 192, 245

 234, 217, 245

 244, 241, 245

 253, 255, 245

 255, 255, 245

Harmonies

Analogous

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



0, 134, 255



189, 94, 245



253, 38, 177

Triad

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



189, 94, 245



196, 122, 0



0, 170, 178

Complementary

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



189, 94, 245



150, 245, 94

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, 168, 98



189, 94, 245



130, 147, 0

Square

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



189, 94, 245



245, 81, 24



0, 161, 0



0, 168, 247

Rectangle

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



189, 94, 245



255, 11, 126



0, 161, 0



0, 170, 152

Sweetspot

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



189, 94, 245



238, 209, 255



94, 152, 245



117, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



189, 94, 245



185, 66, 255



245, 94, 227



118, 110, 122



117, 0, 186



37, 0, 59

Inverse Universe

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



245, 94, 150



255, 66, 136



94, 245, 112



122, 110, 115



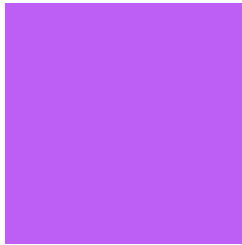
186, 0, 69



59, 0, 22

Previews

White Background



This preview shows how the RGB color 189, 94, 245 looks on a white background.

Color Contrast Check

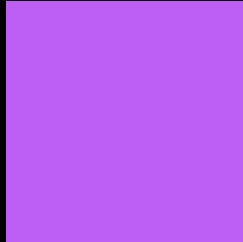
Large Text (above 18pt) WCAG AA ✓ Pass

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 189, 94, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

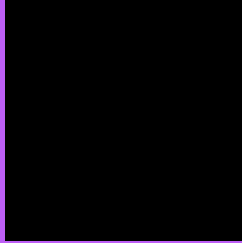
Any Text WCAG AA ✓ Pass

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 189, 94, 245 Background



This preview shows how black text looks on a background with the RGB color 189, 94, 245.

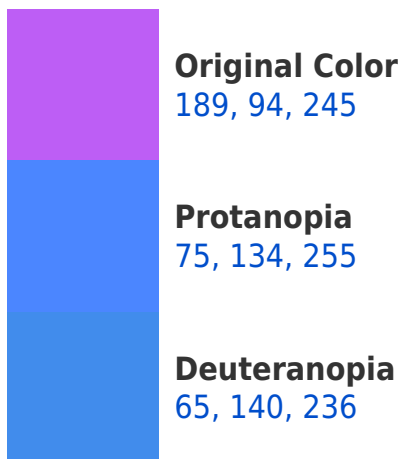


This preview shows how white text looks on a background with the RGB color 189, 94, 245.

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
171, 126, 135

Trichromacy



Original Color

189, 94, 245



Protanomaly

116, 119, 251



Deuteranomaly

110, 123, 239



Tritanomaly

178, 114, 175

Monochromacy



Original Color

189, 94, 245



Achromatopsia

140, 140, 140



Achromatomaly

158, 123, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 94, 245 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(189, 94, 245)` looks like.

```
.text, #text, p{  
    color:rgb(189, 94, 245)  
}
```

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(189, 94, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 94, 245) }
```

Border

The CSS property to change the border of an element to RGB 189, 94, 245 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(189, 94, 245) }
```

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

```
.border{ border-color:rgb(189, 94, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 94, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 94, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 94, 245);  
box-shadow:4px 4px 4px 4px rgb(189, 94,  
245) }
```

Background

The CSS property to change the background color of an element to RGB 189, 94, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 94, 245) }
```

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

```
.background{ background-color: rgb(189, 94,  
245) }
```

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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