

Converting Colors

RGB(194, 108, 249)

Have a look what the booklet for
RGB(194, 108, 249) contains.

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Color

RGB(194, 108, 249)

Conversions

Conversions Part 1

Format	Color
Hex	C26CF9
RGB	194, 108, 249
RGB Percent	76%, 42%, 98%
CMY	0.2392, 0.5765, 0.0235
CMYK	0.22, 0.57, 0.00, 0.02
HSL	277°, 92%, 70%
HSV	277°, 57%, 98%
XYZ	44.7096, 29.0340, 92.8702
YIQ	149.7880, 5.9950, 62.0830

Conversions

Conversions Part 2

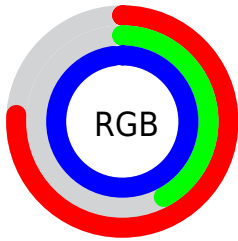
Format	Color
RYB	194, 108, 249
Decimal	12741881
CIELab	60.81, 57.77, -57.24
CIELCh	61, 81.326, 315.267
Yxy	29.0340, 0.2683, 0.1743
Android (android.graphics.Color)	4290931961 (0xFFC26CF9)
YUV	149.7880, 48.9115, 38.7739
Hunter-Lab	53.8832, 53.8147, -64.4708

Details

The RGB color **194, 108, 249** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **163, 249, 108**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **253, 163, 255**, and **137, 54, 192** is the 20% darker color. If you saturate the color by 10%, you get **184, 83, 249**, and if you desaturate by 10%, it is **204, 133, 249**.

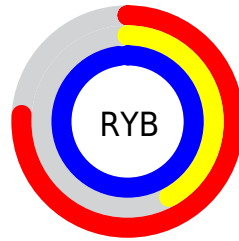
Distribution



Red (76%)

Green (42%)

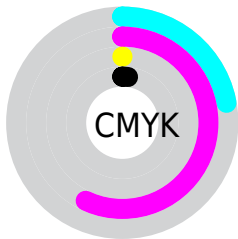
Blue (98%)



Red (76%)

Yellow (42%)

Blue (98%)

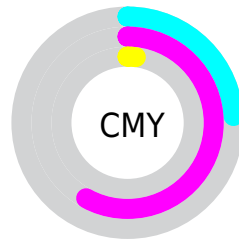


Cyan (22%)

Magenta (57%)

Yellow (0%)

Black (2%)



Cyan (24%)


Magenta (58%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 194, 108, 249 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 194, 108, 249 by changing the saturation by 10% instead.

 194, 108, 249

255, 255, 255

 253, 163, 255

 255, 191, 255

 255, 219, 255


 255, 248, 255

 194, 108, 249

 165, 81, 220

 137, 54, 192

 109, 24, 164

 81, 0, 137


 52, 0, 111

 25, 0, 86

 0, 0, 62

 0, 3, 39


 0, 1, 16


 194, 108, 249


 194, 108, 249

 184, 83, 249

 204, 133, 249

 175, 58, 249

 213, 158, 249

 165, 33, 249

 223, 183, 249

 155, 8, 249

 233, 208, 249

 152, 0, 249

 243, 233, 249

 252, 255, 249

 255, 255, 249

Harmonies

Analogous

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



0, 143, 255



194, 108, 249



255, 68, 185

Triad

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



194, 108, 249



206, 130, 0



0, 178, 183

Complementary

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



194, 108, 249



163, 249, 108

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, 176, 107



194, 108, 249



143, 155, 0

Square

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



194, 108, 249



251, 95, 44



47, 169, 26



0, 176, 248

Rectangle

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



194, 108, 249



255, 56, 137



47, 169, 26



0, 178, 158

Sweetspot

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



194, 108, 249



238, 212, 255



108, 164, 249



118, 102, 128



0, 0, 0



128, 128, 128

Same Dimension

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



194, 108, 249



187, 82, 255



249, 108, 235



120, 112, 125



115, 0, 189



37, 0, 61

Inverse Universe

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



249, 108, 163



255, 82, 149



108, 249, 122



125, 112, 117



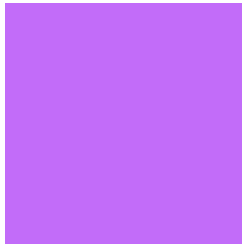
189, 0, 74



61, 0, 24

Previews

White Background



This preview shows how the RGB color 194, 108, 249 looks on a white background.

Color Contrast Check

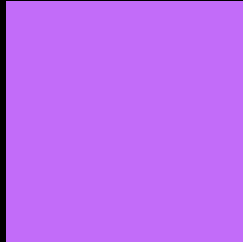
Large Text (above 18pt) WCAG AA ✓ Pass

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 194, 108, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

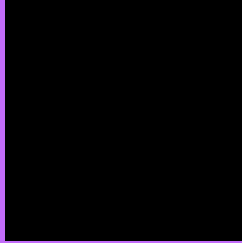
Any Text WCAG AA ✓ Pass

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 194, 108, 249 Background



This preview shows how black text looks on a background with the RGB color 194, 108, 249.

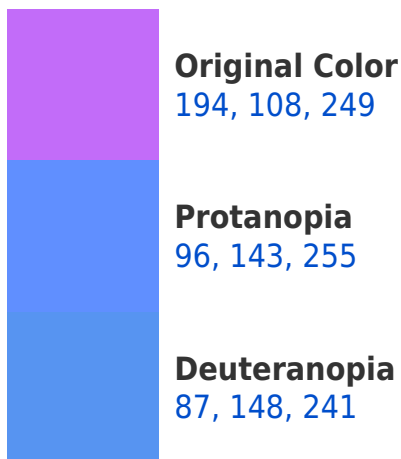



This preview shows how white text looks on a background with the RGB color 194, 108, 249.

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
177, 135, 146

Trichromacy



Original Color

194, 108, 249



Protanomaly

132, 130, 253



Deuteranomaly

126, 133, 244



Tritanomaly

183, 125, 183

Monochromacy



Original Color

194, 108, 249



Achromatopsia

150, 150, 150



Achromatomaly

166, 135, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 194, 108, 249 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(194, 108, 249)` looks like.

```
.text, #text, p{  
    color:rgb(194, 108, 249)  
}
```

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(194, 108, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 108, 249) }
```

Border

The CSS property to change the border of an element to RGB 194, 108, 249 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(194, 108, 249) }
```

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

```
.border{ border-color:rgb(194, 108, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 108, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 108, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 108, 249);  
box-shadow:4px 4px 4px 4px rgb(194, 108,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 194, 108, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 108, 249) }
```

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

```
.background{ background-color: rgb(194,  
108, 249) }
```

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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