

Converting Colors

RGB(203, 114, 249)

Have a look what the booklet for
RGB(203, 114, 249) contains.

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Color

RGB(203, 114, 249)

Conversions

Conversions Part 1

Format	Color
Hex	CB72F9
RGB	203, 114, 249
RGB Percent	80%, 45%, 98%
CMY	0.2039, 0.5529, 0.0235
CMYK	0.18, 0.54, 0.00, 0.02
HSL	280°, 92%, 71%
HSV	280°, 54%, 98%
XYZ	47.7448, 31.5707, 93.1999
YIQ	156.0010, 9.7090, 60.8530

Conversions

Conversions Part 2

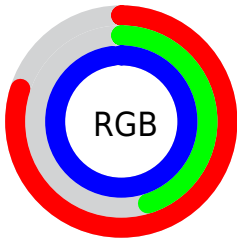
Format	Color
R_{YB}	203, 114, 249
Decimal	13333241
CIE _{Lab}	62.99, 57.01, -53.71
CIE _{LCh}	63, 78.324, 316.704
Yxy	31.5707, 0.2768, 0.1830
Android (android.graphics.Color)	4291523321 (0xFFCB72F9)
YUV	156.0010, 45.8485, 41.2181
Hunter-Lab	56.1878, 53.3492, -59.0141

Details

The RGB color **203, 114, 249** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **160, 249, 114**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **255, 169, 255**, and **146, 60, 192** is the 20% darker color. If you saturate the color by 10%, you get **195, 89, 249**, and if you desaturate by 10%, it is **211, 139, 249**.

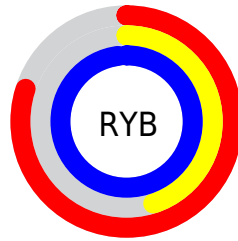
Distribution



Red (80%)

Green (45%)

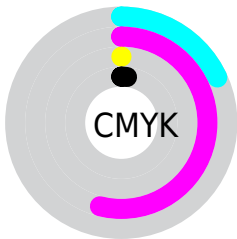
Blue (98%)



Red (80%)

Yellow (45%)

Blue (98%)

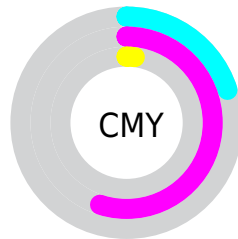


Cyan (18%)

Magenta (54%)

Yellow (0%)

Black (2%)



Cyan (20%)

Magenta (55%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 203, 114, 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 203, 114, 249 by changing the saturation by 10% instead.

 203, 114, 249

 203, 114, 249

255, 255, 255

 174, 87, 220

 255, 169, 255

 146, 60, 192

 255, 197, 255

 118, 32, 164

 255, 226, 255

 90, 0, 137

 62, 0, 111

 35, 0, 86

 0, 0, 62

 0, 3, 39

 0, 1, 16

■ 203, 114, 249

■ 203, 114, 249

■ 195, 89, 249

■ 211, 139, 249

■ 186, 64, 249

■ 220, 164, 249

■ 178, 39, 249

■ 228, 189, 249

■ 169, 14, 249

■ 237, 214, 249

■ 164, 0, 249

■ 245, 239, 249

■ 254, 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.



66, 147, 255



203, 114, 249



255, 80, 186

Triad

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



203, 114, 249



209, 138, 0



0, 184, 191

Complementary

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



203, 114, 249



160, 249, 114

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, 182, 118



203, 114, 249



147, 161, 0

Square

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



203, 114, 249



254, 106, 51



55, 175, 45



0, 180, 253

Rectangle

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



203, 114, 249



255, 72, 140



55, 175, 45



0, 183, 167

Sweetspot

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



203, 114, 249



241, 214, 255



114, 161, 249



119, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



203, 114, 249



199, 89, 255



249, 114, 229



121, 112, 125



124, 0, 189



40, 0, 61

Inverse Universe

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



249, 114, 160



255, 89, 146



114, 249, 134



125, 112, 117



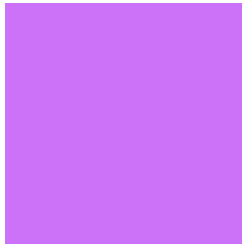
189, 0, 64



61, 0, 21

Previews

White Background



This preview shows how the RGB color 203, 114, 249 looks on a white background.

Color Contrast Check

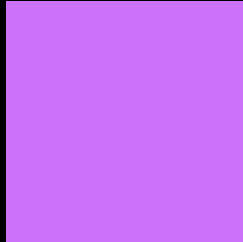
Large Text (above 18pt) WCAG AA × Fail

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 203, 114, 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 203, 114, 249 Background



This preview shows how black text looks on a background with the RGB color 203, 114, 249.

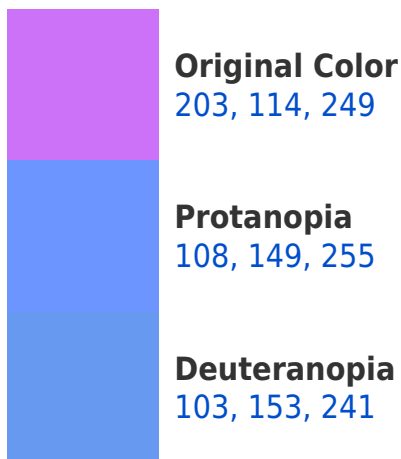



This preview shows how white text looks on a background with the RGB color 203, 114, 249.

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
188, 139, 150

Trichromacy



Original Color

203, 114, 249



Protanomaly

143, 136, 253



Deuteranomaly

139, 139, 244



Tritanomaly

193, 130, 186

Monochromacy



Original Color

203, 114, 249



Achromatopsia

156, 156, 156



Achromatomaly

173, 141, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 203, 114, 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(203, 114, 249)` looks like.

```
.text, #text, p{  
    color:rgb(203, 114, 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(203, 114, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 114, 249) }
```

Border

The CSS property to change the border of an element to RGB 203, 114, 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(203, 114, 249) }
```

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

```
.border{ border-color:rgb(203, 114, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 114, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 114, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 114, 249);  
box-shadow:4px 4px 4px 4px rgb(203, 114,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 203, 114, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 114, 249) }
```

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

```
.background{ background-color: rgb(203,  
114, 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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