

Converting Colors

RGB(203, 102, 247)

Have a look what the booklet for
RGB(203, 102, 247) contains.

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Color

RGB(203, 102, 247)

Conversions

Conversions Part 1

Format	Color
Hex	CB66F7
RGB	203, 102, 247
RGB Percent	80%, 40%, 97%
CMY	0.2039, 0.6000, 0.0314
CMYK	0.18, 0.59, 0.00, 0.03
HSL	282°, 90%, 68%
HSV	282°, 59%, 97%
XYZ	46.1685, 28.9147, 91.1434
YIQ	148.7290, 13.6510, 66.5070

Conversions

Conversions Part 2

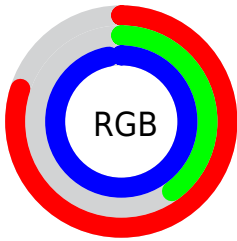
Format	Color
R _Y B	203, 102, 247
Decimal	13330167
CIE Lab	60.71, 62.41, -56.24
CIE LCh	61, 84.011, 317.979
Yxy	28.9147, 0.2777, 0.1739
Android (android.graphics.Color)	4291520247 (0xFFCB66F7)
YUV	148.7290, 48.4476, 47.5957
Hunter-Lab	53.7723, 59.1570, -62.8551

Details

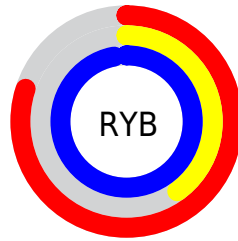
The RGB color **203, 102, 247** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **146, 247, 102**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **255, 157, 255**, and **145, 46, 190** is the 20% darker color. If you saturate the color by 10%, you get **196, 77, 247**, and if you desaturate by 10%, it is **210, 127, 247**.

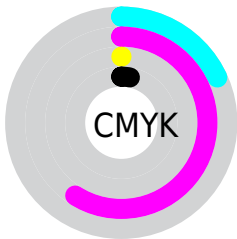
Distribution



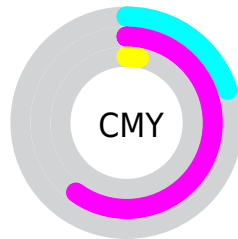
- Red (80%)
- Green (40%)
- Blue (97%)



- Red (80%)
- Yellow (40%)
- Blue (97%)



- Cyan (18%)
- Magenta (59%)
- Yellow (0%)
- Black (3%)



- Cyan (20%)
- Magenta (60%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 203, 102, 247 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, 102, 247 by changing the saturation by 10% instead.

 203, 102, 247

 203, 102, 247

255, 255, 255

 174, 74, 218

 255, 157, 255

 145, 46, 190


 255, 186, 255

 117, 6, 162

 255, 214, 255

 89, 0, 135

 255, 244, 255

 61, 0, 109

 35, 0, 84

 0, 0, 60

 0, 2, 37

 0, 1, 14

■ 203, 102, 247

■ 203, 102, 247

■ 196, 77, 247

■ 210, 127, 247

■ 188, 53, 247

■ 218, 151, 247

■ 181, 28, 247

■ 225, 176, 247

■ 173, 3, 247

■ 233, 201, 247

■ 172, 0, 247

■ 240, 226, 247

■ 248, 250, 247

■ 255, 255, 247

Harmonies

Analogous

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



43, 140, 255



203, 102, 247



255, 59, 180

Triad

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



203, 102, 247



201, 132, 0



0, 179, 190

Complementary

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



203, 102, 247



146, 247, 102

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, 177, 113



203, 102, 247



135, 156, 0

Square

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



203, 102, 247



250, 96, 32



4, 170, 29



0, 176, 255

Rectangle

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



203, 102, 247



255, 49, 130



4, 170, 29



0, 178, 165

Sweetspot

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



203, 102, 247



241, 209, 255



102, 148, 247



119, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



203, 102, 247



201, 77, 255



247, 102, 220



119, 110, 122



130, 0, 186



41, 0, 59

Inverse Universe

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



247, 102, 146



255, 77, 131



102, 247, 129



122, 110, 114



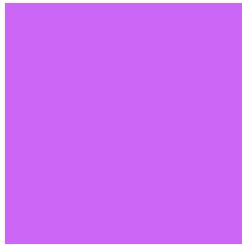
186, 0, 56



59, 0, 18

Previews

White Background



This preview shows how the RGB color 203, 102, 247 looks on a white background.

Color Contrast Check

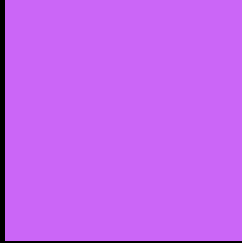
Large Text (above 18pt) WCAG AA ✓ Pass

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 203, 102, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

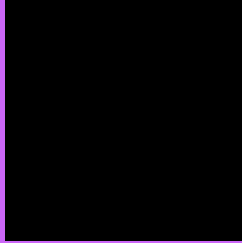
Any Text WCAG AA ✓ Pass

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 203, 102, 247 Background



This preview shows how black text looks on a background with the RGB color 203, 102, 247.

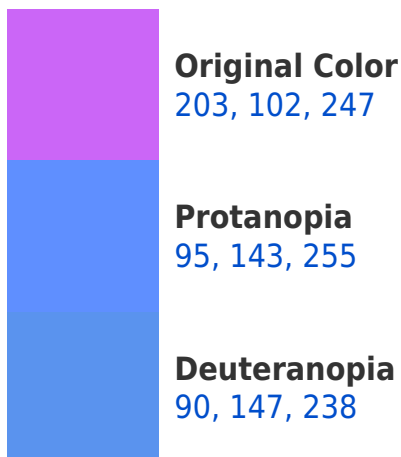



This preview shows how white text looks on a background with the RGB color 203, 102, 247.

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
187, 131, 141

Trichromacy



Original Color

203, 102, 247



Protanomaly

134, 128, 252



Deuteranomaly

131, 131, 241



Tritanomaly

193, 120, 180

Monochromacy



Original Color

203, 102, 247



Achromatopsia

149, 149, 149



Achromatomaly

169, 132, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 203, 102, 247 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, 102, 247)` looks like.

```
.text, #text, p{  
    color:rgb(203, 102, 247)  
}
```

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, 102, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 102, 247) }
```

Border

The CSS property to change the border of an element to RGB 203, 102, 247 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, 102, 247) }
```

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

```
.border{ border-color:rgb(203, 102, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 102, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 102, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 102, 247);  
box-shadow:4px 4px 4px 4px rgb(203, 102,  
247) }
```

Background

The CSS property to change the background color of an element to RGB 203, 102, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 102, 247) }
```

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

```
.background{ background-color: rgb(203,  
102, 247) }
```

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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