

Converting Colors

RGB(202, 96, 248)

Have a look what the booklet for
RGB(202, 96, 248) contains.

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Color

RGB(202, 96, 248)

Conversions

Conversions Part 1

Format	Color
Hex	CA60F8
RGB	202, 96, 248
RGB Percent	79%, 38%, 97%
CMY	0.2078, 0.6235, 0.0275
CMYK	0.19, 0.61, 0.00, 0.03
HSL	282°, 92%, 67%
HSV	282°, 61%, 97%
XYZ	45.4833, 27.6996, 91.7563
YIQ	145.0220, 14.3840, 69.7440

Conversions

Conversions Part 2

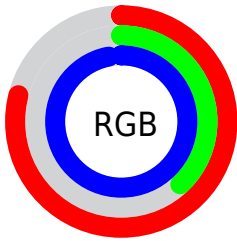
Format	Color
R _{YB}	202, 96, 248
Decimal	13263096
CIE _{Lab}	59.62, 65.16, -58.54
CIE _{LCh}	60, 87.589, 318.063
Y _{xy}	27.6996, 0.2758, 0.1679
Android (android.graphics.Color)	4291453176 (0xFFCA60F8)
YUV	145.0220, 50.7682, 49.9697
Hunter-Lab	52.6304, 62.1567, -66.5253

Details

The RGB color **202, 96, 248** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **142, 248, 96**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **255, 152, 255**, and **144, 37, 191** is the 20% darker color. If you saturate the color by 10%, you get **194, 71, 248**, and if you desaturate by 10%, it is **210, 121, 248**.

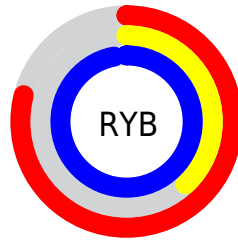
Distribution



Red (79%)

Green (38%)

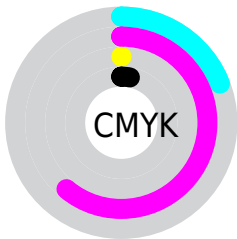
Blue (97%)



Red (79%)

Yellow (38%)

Blue (97%)

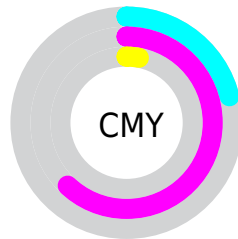


Cyan (19%)

Magenta (61%)

Yellow (0%)

Black (3%)



Cyan (21%)

















Magenta (62%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 202, 96, 248 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 202, 96, 248 by changing the saturation by 10% instead.

 202, 96, 248	 202, 96, 248
 255, 255, 255	 173, 68, 219
 255, 152, 255	 144, 37, 191
 255, 180, 255	 116, 0, 163
 255, 209, 255	 87, 0, 136
 255, 238, 255	 59, 0, 110
	 33, 0, 85
	 0, 0, 61
	 0, 2, 38
	 0, 1, 14

 202, 96, 248

 202, 96, 248

 194, 71, 248

 210, 121, 248


 187, 46, 248

 217, 146, 248

 179, 22, 248

 225, 170, 248

 173, 0, 248

 232, 195, 248

 240, 220, 248

 247, 245, 248

 255, 255, 248

 255, 255, 248

Harmonies

Analogous

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



0, 137, 255



202, 96, 248



255, 43, 178

Triad

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



202, 96, 248



199, 129, 0



0, 176, 190

Complementary

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



202, 96, 248



142, 248, 96

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, 174, 109



202, 96, 248



130, 154, 0

Square

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



202, 96, 248



250, 90, 21



0, 168, 14



0, 174, 255

Rectangle

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



202, 96, 248



255, 27, 126



0, 168, 14



0, 176, 163

Sweetspot

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



202, 96, 248



241, 209, 255



96, 144, 248



119, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



202, 96, 248



198, 66, 255



248, 96, 220



121, 112, 125



132, 0, 189



43, 0, 61

Inverse Universe

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



248, 96, 142



255, 66, 123



96, 248, 124



125, 112, 116



189, 0, 57



61, 0, 19

Previews

White Background



This preview shows how the RGB color 202, 96, 248 looks on a white background.

Color Contrast Check

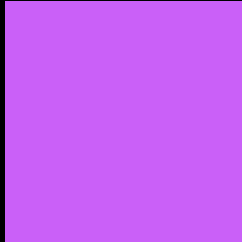
Large Text (above 18pt) WCAG AA ✓ Pass

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 202, 96, 248 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 202, 96, 248 Background



This preview shows how black text looks on a background with the RGB color 202, 96, 248.

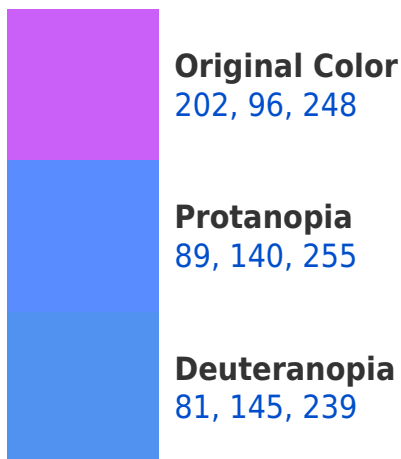


This preview shows how white text looks on a background with the RGB color 202, 96, 248.

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
185, 128, 137

Trichromacy



Original Color

202, 96, 248



Protanomaly

130, 124, 252



Deuteranomaly

125, 127, 242



Tritanomaly

191, 116, 177

Monochromacy



Original Color

202, 96, 248



Achromatopsia

145, 145, 145



Achromatomaly

166, 127, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 202, 96, 248 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(202, 96, 248)` looks like.

```
.text, #text, p{  
    color:rgb(202, 96, 248)  
}
```

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(202, 96, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 96, 248) }
```

Border

The CSS property to change the border of an element to RGB 202, 96, 248 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(202, 96, 248) }
```

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

```
.border{ border-color:rgb(202, 96, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 96, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 96, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 96, 248);  
box-shadow:4px 4px 4px 4px rgb(202, 96,  
248) }
```

Background

The CSS property to change the background color of an element to RGB 202, 96, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 96, 248) }
```

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

```
.background{ background-color: rgb(202, 96,  
248) }
```

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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