

Converting Colors

RGB(202, 95, 197)

Have a look what the booklet for
RGB(202, 95, 197) contains.

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Color

RGB(202, 95, 197)

Conversions

Conversions Part 1

Format	Color
Hex	CA5FC5
RGB	202, 95, 197
RGB Percent	79%, 37%, 77%
CMY	0.2078, 0.6275, 0.2275
CMYK	0.00, 0.53, 0.02, 0.21
HSL	303°, 50%, 58%
HSV	303°, 53%, 79%
XYZ	38.5274, 24.7722, 55.5742
YIQ	138.6210, 31.0300, 54.4060

Conversions

Conversions Part 2

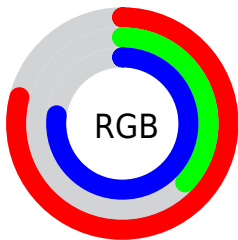
Format	Color
R _Y B	202, 95, 197
Decimal	13262789
CIE Lab	56.85, 56.02, -34.23
CIE LCh	57, 65.646, 328.576
Yxy	24.7722, 0.3241, 0.2084
Android (android.graphics.Color)	4291452869 (0xFFCA5FC5)
YUV	138.6210, 28.7808, 55.5834
Hunter-Lab	49.7717, 51.0733, -31.3621

Details

The RGB color **202, 95, 197** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **95, 202, 100**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **255, 150, 254**, and **145, 39, 143** is the 20% darker color. If you saturate the color by 10%, you get **202, 75, 196**, and if you desaturate by 10%, it is **202, 115, 198**.

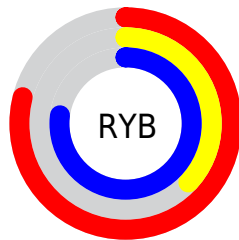
Distribution



Red (79%)

Green (37%)

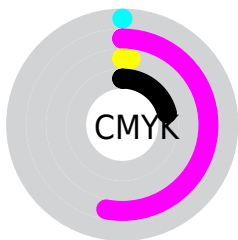
Blue (77%)



Red (79%)

Yellow (37%)

Blue (77%)

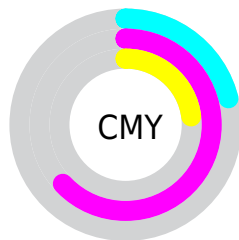


Cyan (0%)

Magenta (53%)

Yellow (2%)

Black (21%)



Cyan (21%)

Magenta (63%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 202, 95, 197 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, 95, 197 by changing the saturation by 10% instead.



202, 95, 197



202, 95, 197

255, 255, 255



173, 68, 170



255, 150, 254



145, 39, 143



255, 178, 255



118, 0, 117



255, 206, 255



91, 0, 92



255, 235, 255



65, 0, 68



41, 0, 45



0, 1, 23



0, 0, 0



202, 95, 197



202, 95, 197

■ 202, 75, 196

■ 202, 115, 198

■ 202, 55, 195

■ 202, 135, 199

■ 202, 34, 194

■ 202, 156, 200

■ 202, 14, 193

■ 202, 176, 201

■ 202, 0, 193

■ 202, 196, 202

■ 202, 216, 203

■ 202, 236, 204

■ 202, 255, 205

■ 202, 255, 205

Harmonies

Analogous

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



128, 122, 238



202, 95, 197



235, 76, 142

Triad

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



202, 95, 197



166, 133, 0



0, 162, 190

Complementary

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



202, 95, 197



95, 202, 100

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, 162, 132



202, 95, 197



109, 149, 13

Square

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



202, 95, 197



209, 110, 34



0, 158, 73



0, 157, 234

Rectangle

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



202, 95, 197



238, 79, 104



0, 158, 73



0, 163, 171

Sweetspot

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



202, 95, 197



255, 214, 253



99, 95, 202



128, 103, 126



0, 0, 0



128, 128, 128

Same Dimension

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



202, 95, 197



255, 92, 247



202, 95, 145



102, 92, 102



166, 0, 158



38, 0, 36

Inverse Universe

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



202, 95, 197



255, 92, 247



95, 202, 152



102, 92, 102



166, 0, 158



38, 0, 36

Previews

White Background



This preview shows how the RGB color 202, 95, 197 looks on a white background.

Color Contrast Check

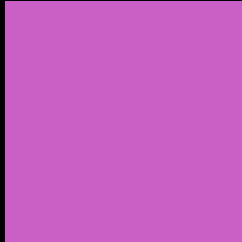
Large Text (above 18pt) WCAG AA ✓ Pass

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, 95, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

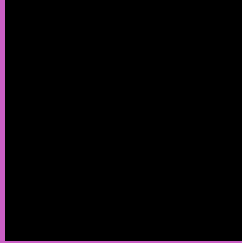
Any Text WCAG AA ✓ Pass

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, 95, 197 Background



This preview shows how black text looks on a background with the RGB color 202, 95, 197.

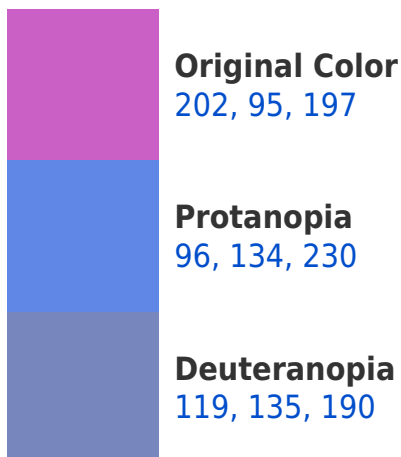



This preview shows how white text looks on a background with the RGB color 202, 95, 197.

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
193, 114, 122

Trichromacy



Original Color

202, 95, 197



Protanomaly

135, 120, 218



Deuteranomaly

149, 120, 193



Tritanomaly

196, 107, 149

Monochromacy



Original Color

202, 95, 197



Achromatopsia

139, 139, 139



Achromatomaly

162, 123, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 202, 95, 197 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, 95, 197) looks like.

```
.text, #text, p{  
    color:rgb(202, 95, 197)  
}
```

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, 95, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 95, 197) }
```

Border

The CSS property to change the border of an element to RGB 202, 95, 197 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, 95, 197) }
```

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

```
.border{ border-color:rgb(202, 95, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 95, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 95, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 95, 197);  
box-shadow:4px 4px 4px 4px rgb(202, 95,  
197) }
```

Background

The CSS property to change the background color of an element to RGB 202, 95, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 95, 197) }
```

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

```
.background{ background-color: rgb(202, 95,  
197) }
```

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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