

Converting Colors

RGB(202, 95, 190)

Have a look what the booklet for
RGB(202, 95, 190) contains.

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Color

RGB(202, 95, 190)

Conversions

Conversions Part 1

Format	Color
Hex	CA5FBE
RGB	202, 95, 190
RGB Percent	79%, 37%, 75%
CMY	0.2078, 0.6275, 0.2549
CMYK	0.00, 0.53, 0.06, 0.21
HSL	307°, 50%, 58%
HSV	307°, 53%, 79%
XYZ	37.7436, 24.4587, 51.4469
YIQ	137.8230, 33.2770, 52.2290

Conversions

Conversions Part 2

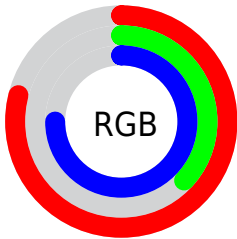
Format	Color
R _Y B	202, 95, 190
Decimal	13262782
CIE Lab	56.54, 54.82, -30.70
CIE LCh	57, 62.832, 330.753
Yxy	24.4587, 0.3321, 0.2152
Android (android.graphics.Color)	4291452862 (0xFFCA5FBE)
YUV	137.8230, 25.7233, 56.2832
Hunter-Lab	49.4557, 49.6800, -27.0581

Details

The RGB color **202, 95, 190** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **95, 202, 107**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **255, 150, 247**, and **145, 39, 136** is the 20% darker color. If you saturate the color by 10%, you get **202, 75, 188**, and if you desaturate by 10%, it is **202, 115, 192**.

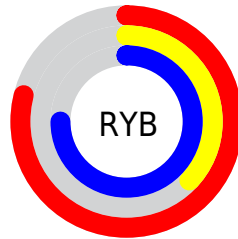
Distribution



Red (79%)

Green (37%)

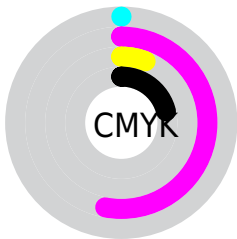
Blue (75%)



Red (79%)

Yellow (37%)

Blue (75%)

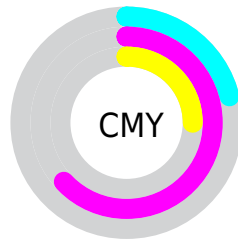


Cyan (0%)

Magenta (53%)

Yellow (6%)

Black (21%)



Cyan (21%)

Magenta (63%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 202, 95, 190 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, 190 by changing the saturation by 10% instead.



202, 95, 190



202, 95, 190

255, 255, 255



173, 68, 163



255, 150, 247



145, 39, 136



255, 178, 255



118, 0, 111



255, 206, 255



91, 0, 86



255, 235, 255



65, 0, 62



41, 0, 40



0, 1, 17



0, 0, 0



202, 95, 190



202, 95, 190

202, 75, 188

202, 115, 192

202, 55, 185

202, 135, 195

202, 34, 183

202, 156, 197

202, 14, 181

202, 176, 199

202, 0, 179

202, 196, 201

202, 216, 204

202, 236, 206

202, 255, 208

202, 255, 210

Harmonies

Analogous

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



136, 120, 230



202, 95, 190



231, 80, 137

Triad

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



202, 95, 190



161, 134, 0



0, 160, 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, 190



95, 202, 107

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, 161, 135



202, 95, 190



106, 148, 27

Square

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



202, 95, 190



203, 112, 35



0, 157, 79



0, 155, 231

Rectangle

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



202, 95, 190



233, 83, 100



0, 157, 79



0, 161, 173

Sweetspot

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



202, 95, 190



255, 214, 250



106, 95, 202



128, 103, 125



0, 0, 0



128, 128, 128

Same Dimension

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



202, 95, 190



255, 92, 237



202, 95, 138



102, 92, 101



166, 0, 147



38, 0, 34

Inverse Universe

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



202, 95, 190



255, 92, 237



95, 202, 159



102, 92, 101



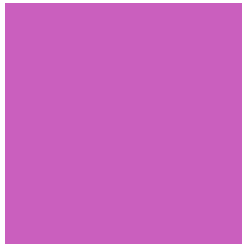
166, 0, 147



38, 0, 34

Previews

White Background



This preview shows how the RGB color 202, 95, 190 looks on a white background.

Color Contrast Check

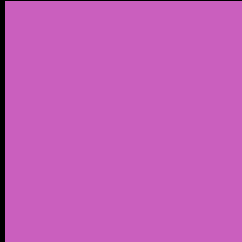
Large Text (above 18pt) WCAG AA ✓ Pass

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, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

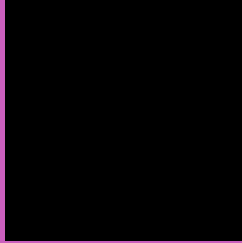
Any Text WCAG AA ✓ Pass

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, 190 Background



This preview shows how black text looks on a background with the RGB color 202, 95, 190.

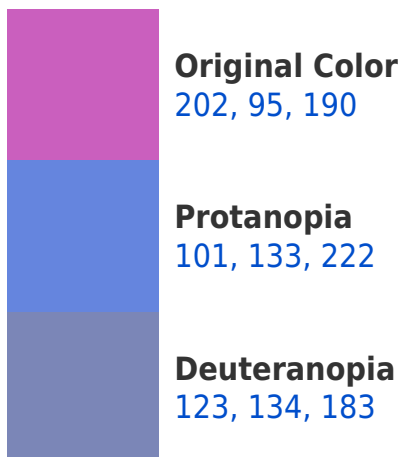


This preview shows how white text looks on a background with the RGB color 202, 95, 190.

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
194, 112, 120

Trichromacy



Original Color

202, 95, 190



Protanomaly

138, 119, 210



Deuteranomaly

152, 120, 186



Tritanomaly

197, 106, 145

Monochromacy



Original Color

202, 95, 190



Achromatopsia

138, 138, 138



Achromatomaly

161, 122, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 202, 95, 190 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, 190) looks like.

```
.text, #text, p{  
    color:rgb(202, 95, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 95, 190) }
```

Border

The CSS property to change the border of an element to RGB 202, 95, 190 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, 190) }
```

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

```
.border{ border-color:rgb(202, 95, 190) }
```

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, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 95, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 95, 190);  
box-shadow:4px 4px 4px 4px rgb(202, 95,  
190) }
```

Background

The CSS property to change the background color of an element to RGB 202, 95, 190 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, 190) }
```

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

```
.background{ background-color: rgb(202, 95,  
190) }
```

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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