

Converting Colors

RGB(209, 86, 194)

Have a look what the booklet for
RGB(209, 86, 194) contains.

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Color

RGB(209, 86, 194)

Conversions

Conversions Part 1

Format	Color
Hex	D156C2
RGB	209, 86, 194
RGB Percent	82%, 34%, 76%
CMY	0.1804, 0.6627, 0.2392
CMYK	0.00, 0.59, 0.07, 0.18
HSL	307°, 57%, 58%
HSV	307°, 59%, 82%
XYZ	39.3599, 24.1059, 53.6174
YIQ	135.0890, 38.6400, 59.6640

Conversions

Conversions Part 2

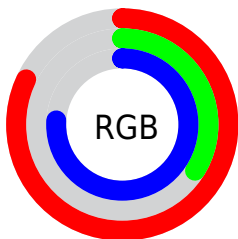
Format	Color
RYB	209, 86, 194
Decimal	13719234
CIELab	56.19, 61.51, -33.46
CIELCh	56, 70.019, 331.451
Yxy	24.1059, 0.3362, 0.2059
Android (android.graphics.Color)	4291909314 (0xFFD156C2)
YUV	135.0890, 29.0431, 64.8199
Hunter-Lab	49.0978, 57.1757, -30.3793

Details

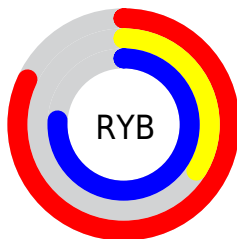
The RGB color **209, 86, 194** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **86, 209, 101**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **255, 142, 251**, and **151, 22, 140** is the 20% darker color. If you saturate the color by 10%, you get **209, 65, 191**, and if you desaturate by 10%, it is **209, 107, 197**.

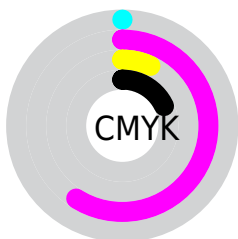
Distribution



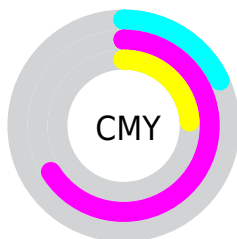
- Red (82%)
- Green (34%)
- Blue (76%)



- Red (82%)
- Yellow (34%)
- Blue (76%)



- Cyan (0%)
- Magenta (59%)
- Yellow (7%)
- Black (18%)



- Cyan (18%)
- Magenta (66%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 209, 86, 194 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 209, 86, 194 by changing the saturation by 10% instead.


 209, 86, 194

 209, 86, 194

255, 255, 255

 180, 57, 167

 255, 142, 251

 151, 22, 140

 255, 170, 255

 124, 0, 114

 255, 199, 255

 96, 0, 89

 255, 228, 255

 69, 0, 65

 44, 0, 43

 0, 0, 20

 0, 0, 0

 209, 86, 194

 209, 86, 194

209, 65, 191

209, 107, 197

209, 44, 189

209, 128, 199

209, 23, 186

209, 149, 202

209, 2, 184

209, 170, 204

209, 0, 184

209, 191, 207

209, 211, 209

209, 232, 212

209, 253, 214

209, 255, 217

Harmonies

Analogous

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



135, 117, 240



209, 86, 194



240, 66, 134

Triad

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



209, 86, 194



159, 133, 0



0, 161, 197

Complementary

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



209, 86, 194



86, 209, 101

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, 136



209, 86, 194



98, 149, 0

Square

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



209, 86, 194



207, 109, 13



0, 158, 73



0, 156, 242

Rectangle

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



209, 86, 194



241, 72, 94



0, 158, 73



0, 162, 178

Sweetspot

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



209, 86, 194



255, 209, 249



100, 86, 209



128, 99, 124



0, 0, 0



128, 128, 128

Same Dimension

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



209, 86, 194



255, 74, 233



209, 86, 133



105, 94, 103



168, 0, 148



41, 0, 36

Inverse Universe

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



209, 86, 194



255, 74, 233



86, 209, 162



105, 94, 103



168, 0, 148



41, 0, 36

Previews

White Background



This preview shows how the RGB color 209, 86, 194 looks on a white background.

Color Contrast Check

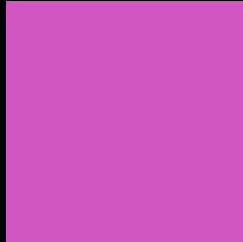
Large Text (above 18pt) WCAG AA ✓ Pass

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 209, 86, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

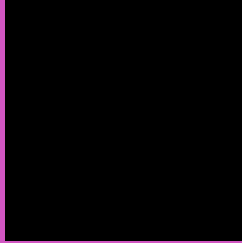
Any Text WCAG AA ✓ Pass

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 209, 86, 194 Background



This preview shows how black text looks on a background with the RGB color 209, 86, 194.

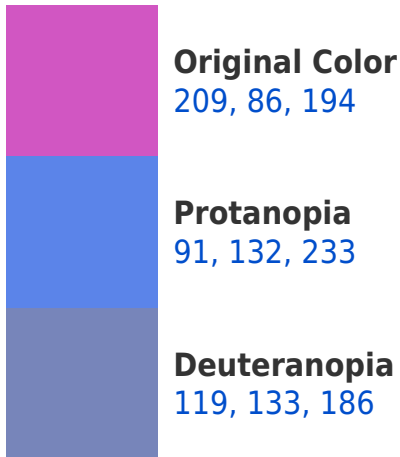


This preview shows how white text looks on a background with the RGB color 209, 86, 194.

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
200, 107, 115

Trichromacy



Original Color

209, 86, 194



Protanomaly

134, 115, 219



Deuteranomaly

152, 116, 189



Tritanomaly

203, 99, 144

Monochromacy



Original Color

209, 86, 194



Achromatopsia

135, 135, 135



Achromatomaly

162, 117, 156

CSS Examples

Text

The CSS property to change the color of the text to RGB 209, 86, 194 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(209, 86, 194) looks like.

```
.text, #text, p{  
    color:rgb(209, 86, 194)  
}
```

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(209, 86, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 86, 194) }
```

Border

The CSS property to change the border of an element to RGB 209, 86, 194 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(209, 86, 194) }
```

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

```
.border{ border-color:rgb(209, 86, 194) }
```

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

Here you see how a box with a 4 pixel rgb(209, 86, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 86, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 86, 194);  
box-shadow:4px 4px 4px 4px rgb(209, 86,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 209, 86, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 86, 194) }
```

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

```
.background{ background-color: rgb(209, 86,  
194) }
```

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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