

Converting Colors

RGB(209, 134, 192)

Have a look what the booklet for
RGB(209, 134, 192) contains.

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Color

RGB(209, 134, 192)

Conversions

Conversions Part 1

Format	Color
Hex	D186C0
RGB	209, 134, 192
RGB Percent	82%, 53%, 75%
CMY	0.1804, 0.4745, 0.2471
CMYK	0.00, 0.36, 0.08, 0.18
HSL	314°, 45%, 67%
HSV	314°, 36%, 82%
XYZ	44.3340, 34.4113, 54.1746
YIQ	163.0370, 26.0820, 33.9380

Conversions

Conversions Part 2

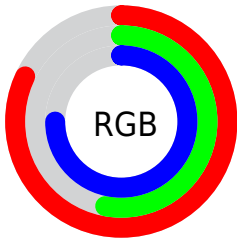
Format	Color
R_{YB}	209, 134, 192
Decimal	13731520
CIE _{Lab}	65.29, 37.39, -18.33
CIE _{LCh}	65, 41.639, 333.884
Yxy	34.4113, 0.3335, 0.2589
Android (android.graphics.Color)	4291921600 (0xFFD186C0)
YUV	163.0370, 14.2788, 40.3096
Hunter-Lab	58.6611, 32.2471, -13.6925

Details

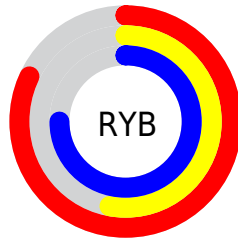
The RGB color **209, 134, 192** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **134, 209, 151**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **255, 188, 248**, and **153, 82, 138** is the 20% darker color. If you saturate the color by 10%, you get **209, 113, 187**, and if you desaturate by 10%, it is **209, 155, 197**.

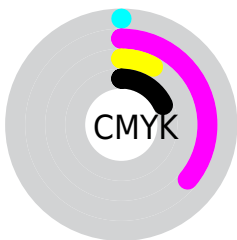
Distribution



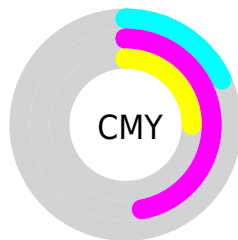
- Red (82%)
- Green (53%)
- Blue (75%)



- Red (82%)
- Yellow (53%)
- Blue (75%)



- Cyan (0%)
- Magenta (36%)
- Yellow (8%)
- Black (18%)




- Cyan (18%)
- Magenta (47%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the RGB color 209, 134, 192 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, 134, 192 by changing the saturation by 10% instead.

 209, 134, 192

 209, 134, 192

255, 255, 255

 181, 108, 165

 255, 188, 248

 153, 82, 138


 255, 217, 255

 126, 58, 113

 255, 245, 255

 100, 33, 88

 75, 4, 65

 51, 0, 43

 25, 0, 22

 0, 0, 0

 209, 134, 192

 209, 134, 192

 209, 113, 187

 209, 155, 197

 209, 92, 183

 209, 176, 201

 209, 71, 178

 209, 197, 206

 209, 50, 173

 209, 218, 211

 209, 30, 168

 209, 239, 216

 209, 9, 164

 209, 255, 220

 209, 0, 162

 209, 255, 225

 209, 255, 230

 209, 255, 235

Harmonies

Analogous

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



168, 147, 220



209, 134, 192



228, 128, 155

Triad

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



209, 134, 192



177, 158, 83



0, 177, 199

Complementary

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



209, 134, 192



134, 209, 151

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, 178, 162



209, 134, 192



138, 168, 95

Square

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



209, 134, 192



208, 145, 92



91, 175, 124



0, 171, 225

Rectangle

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



209, 134, 192



230, 130, 130



91, 175, 124



0, 178, 187

Sweetspot

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



209, 134, 192



255, 227, 249



150, 134, 209



128, 111, 124



0, 0, 0



128, 128, 128

Same Dimension

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



209, 134, 192



255, 145, 230



209, 134, 155



105, 94, 102



168, 0, 130



41, 0, 32

Inverse Universe

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



209, 134, 192



255, 145, 230



134, 209, 188



105, 94, 102



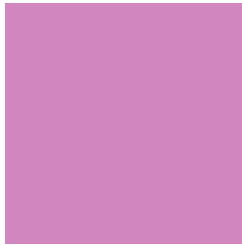
168, 0, 130



41, 0, 32

Previews

White Background



This preview shows how the RGB color 209, 134, 192 looks on a white background.

Color Contrast Check

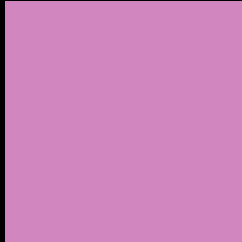
Large Text (above 18pt) WCAG AA × Fail

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, 134, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

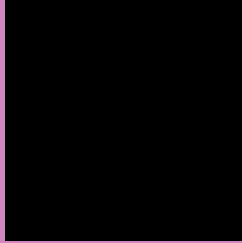
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 209, 134, 192 Background



This preview shows how black text looks on a background with the RGB color 209, 134, 192.

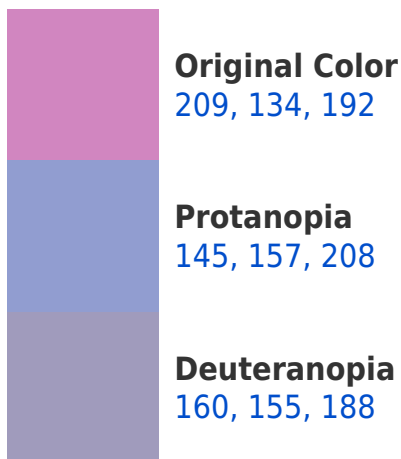



This preview shows how white text looks on a background with the RGB color 209, 134, 192.

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
204, 142, 152

Trichromacy



Original Color

209, 134, 192



Protanomaly

168, 149, 202



Deuteranomaly

178, 147, 189



Tritanomaly

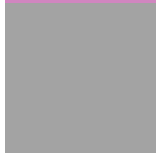
206, 139, 167

Monochromacy



Original Color

209, 134, 192



Achromatopsia

163, 163, 163



Achromatomaly

180, 152, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 209, 134, 192 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, 134, 192)` looks like.

```
.text, #text, p{  
    color:rgb(209, 134, 192)  
}
```

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, 134, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 134, 192) }
```

Border

The CSS property to change the border of an element to RGB 209, 134, 192 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, 134, 192) }
```

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

```
.border{ border-color:rgb(209, 134, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 134, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 134, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 134, 192);  
box-shadow:4px 4px 4px 4px rgb(209, 134,  
192) }
```

Background

The CSS property to change the background color of an element to RGB 209, 134, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 134, 192) }
```

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

```
.background{ background-color: rgb(209,  
134, 192) }
```

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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