

# Converting Colors

RGB(209, 134, 225)

Have a look what the booklet for  
RGB(209, 134, 225) contains.

<b>RGB(209, 134, 225)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**RGB(209, 134, 225)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D186E1
RGB	209, 134, 225
RGB Percent	82%, 53%, 88%
CMY	0.1804, 0.4745, 0.1176
CMYK	0.07, 0.40, 0.00, 0.12
HSL	289°, 60%, 70%
HSV	289°, 40%, 88%
XYZ	48.4102, 36.0417, 75.6394
YIQ	166.7990, 15.4890, 44.2010

# Conversions

## Conversions Part 2

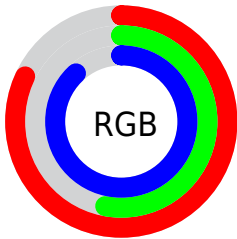
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">209, 134, 225</a>
Decimal	<a href="#">13731553</a>
CIELab	<a href="#">66.55, 43.48, -34.80</a>
CIElCh	<a href="#">67, 55.689, 321.325</a>
Yxy	<a href="#">36.0417, 0.3024, 0.2251</a>
Android (android.graphics.Color)	<a href="#">4291921633 (0xFFD186E1)</a>
YUV	<a href="#">166.7990, 28.6931, 37.0103</a>
Hunter-Lab	<a href="#">60.0348, 38.8760, -32.6767</a>

# Details

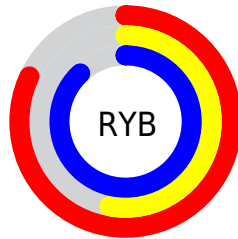
The RGB color `209, 134, 225` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `150, 225, 134`, and the grayscale version is `167, 167, 167`.

A 20% lighter version of the original color is `255, 189, 255`, and `153, 82, 169` is the 20% darker color. If you saturate the color by 10%, you get `205, 112, 225`, and if you desaturate by 10%, it is `213, 157, 225`.

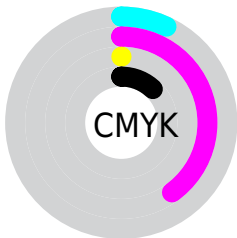
# Distribution



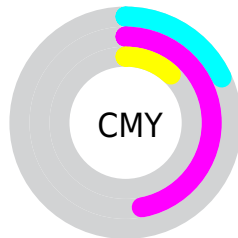
- Red (82%)
- Green (53%)
- Blue (88%)



- Red (82%)
- Yellow (53%)
- Blue (88%)



- Cyan (7%)
- Magenta (40%)
- Yellow (0%)
- Black (12%)



- Cyan (18%)
- Magenta (47%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 209, 134, 225 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, 225 by changing the saturation by 10% instead.



 209, 134, 225

 209, 134, 225


255, 255, 255

 181, 108, 197

 255, 189, 255

 153, 82, 169

 255, 217, 255

 126, 57, 143

 255, 246, 255

 99, 31, 117

 74, 0, 92

 49, 0, 68


 26, 0, 45


 0, 1, 23


 0, 0, 0

 209, 134, 225

 209, 134, 225

 205, 112, 225

 213, 157, 225

 201, 89, 225

 217, 179, 225

 197, 67, 225

 221, 202, 225

 193, 44, 225

 225, 224, 225

 189, 22, 225

 229, 247, 225

 185, 0, 225

 233, 255, 225

 237, 255, 225

 241, 255, 225

 245, 255, 225

# Harmonies

## Analogous

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



139, 155, 255



209, 134, 225



246, 119, 179

# Triad

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



209, 134, 225



202, 154, 58



0, 186, 197

# Complementary

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



209, 134, 225



150, 225, 134

# 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, 186, 145



209, 134, 225



155, 170, 63

# Square

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



209, 134, 225



237, 135, 85



94, 180, 97



0, 182, 239

# Rectangle

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



209, 134, 225



255, 117, 145



94, 180, 97



0, 187, 180



# Sweetspot

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



209, 134, 225



250, 224, 255



134, 151, 225



124, 110, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



209, 134, 225



233, 130, 255



225, 134, 196



110, 101, 112



145, 0, 176



40, 0, 48



# Inverse Universe

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



225, 134, 150



255, 130, 152



134, 225, 163



112, 101, 103



176, 0, 31

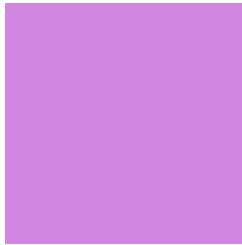


48, 0, 9



# Previews

## White Background



This preview shows how the RGB color 209, 134, 225 looks on a white background.

## Color Contrast Check

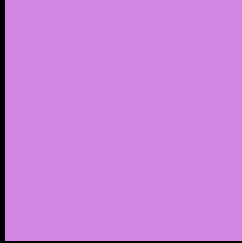
Large Text (above 18pt) WCAG AA × Fail

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, 225 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

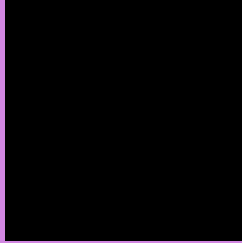
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 209, 134, 225 Background



This preview shows how black text looks on a background with the RGB color 209, 134, 225.

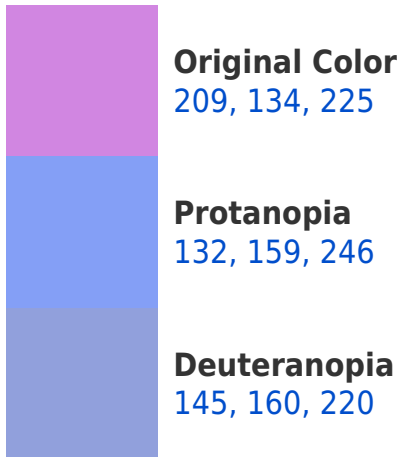


This preview shows how white text looks on a background with the RGB color 209, 134, 225.

# 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, 148, 160

# Trichromacy



**Original Color**

209, 134, 225



**Protanomaly**

160, 150, 238



**Deuteranomaly**

168, 151, 222



**Tritanomaly**

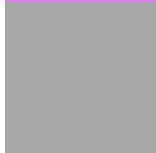
203, 143, 184

# Monochromacy



**Original Color**

209, 134, 225



**Achromatopsia**

167, 167, 167



**Achromatomaly**

182, 155, 188

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 209, 134, 225 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, 225) looks like.

```
.text, #text, p{  
    color:rgb(209, 134, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 134, 225) }
```

## Border

The CSS property to change the border of an element to RGB 209, 134, 225 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, 225) }
```

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

```
.border{ border-color:rgb(209, 134, 225) }
```

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, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 134, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 134, 225);  
box-shadow:4px 4px 4px 4px rgb(209, 134,  
225) }
```

# Background

The CSS property to change the background color of an element to RGB 209, 134, 225 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, 225) }
```

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

```
.background{ background-color: rgb(209,  
134, 225) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor