

# Converting Colors

RGB(207, 129, 216)

Have a look what the booklet for  
RGB(207, 129, 216) contains.

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# **Color**

**RGB(207, 129, 216)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF81D8
RGB	207, 129, 216
RGB Percent	81%, 51%, 85%
CMY	0.1882, 0.4941, 0.1529
CMYK	0.04, 0.40, 0.00, 0.15
HSL	294°, 53%, 68%
HSV	294°, 40%, 85%
XYZ	45.9771, 33.9238, 69.0904
YIQ	162.2400, 18.5610, 43.5930

# Conversions

## Conversions Part 2

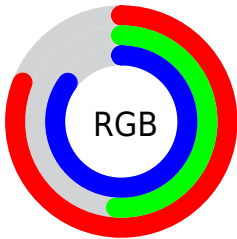
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 129, 216
Decimal	13599192
CIE <sub>Lab</sub>	64.90, 43.78, -32.38
CIE <sub>LCh</sub>	65, 54.453, 323.517
Yxy	33.9238, 0.3086, 0.2277
Android (android.graphics.Color)	4291789272 (0xFFCF81D8)
YUV	162.2400, 26.5037, 39.2545
Hunter-Lab	58.2441, 38.9781, -29.5602

# Details

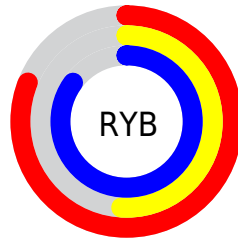
The RGB color **207, 129, 216** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **138, 216, 129**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **255, 183, 255**, and **151, 77, 161** is the 20% darker color. If you saturate the color by 10%, you get **205, 107, 216**, and if you desaturate by 10%, it is **209, 151, 216**.

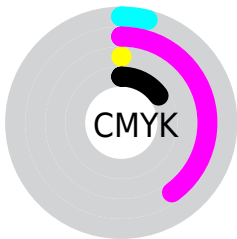
# Distribution



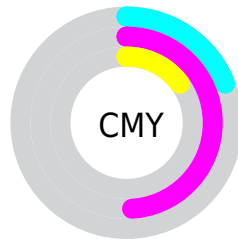
- Red (81%)
- Green (51%)
- Blue (85%)



- Red (81%)
- Yellow (51%)
- Blue (85%)



- Cyan (4%)
- Magenta (40%)
- Yellow (0%)
- Black (15%)



- Cyan (19%)
- Magenta (49%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 207, 129, 216 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 207, 129, 216 by changing the saturation by 10% instead.




 207, 129, 216

 207, 129, 216


255, 255, 255

 179, 103, 188

 255, 183, 255

 151, 77, 161

 255, 212, 255

 124, 52, 134

 255, 240, 255

 98, 25, 109


 72, 0, 84

 48, 0, 61

 22, 0, 38

 0, 1, 15


 0, 0, 0


 207, 129, 216


 207, 129, 216

 205, 107, 216

 209, 151, 216

 203, 86, 216

 211, 172, 216

 200, 64, 216

 214, 194, 216

 198, 43, 216

 216, 215, 216

 196, 21, 216

 218, 237, 216

 194, 0, 216

 220, 255, 216

 223, 255, 216

 225, 255, 216

 227, 255, 216

# Harmonies

## Analogous

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



142, 149, 247



207, 129, 216



241, 115, 170

# Triad

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



207, 129, 216



194, 151, 56



0, 181, 195

# Complementary

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



207, 129, 216



138, 216, 129

# 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, 181, 145



207, 129, 216



147, 166, 62

# Square

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



207, 129, 216



229, 133, 80



86, 176, 97



0, 177, 235

# Rectangle

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



207, 129, 216



248, 115, 137



86, 176, 97



0, 182, 179



# Sweetspot

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



207, 129, 216



252, 224, 255



129, 139, 216



126, 110, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



207, 129, 216



242, 133, 255



216, 129, 183



106, 96, 107



153, 0, 171



39, 0, 43



# Inverse Universe

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



216, 129, 138



255, 133, 145



129, 216, 162



107, 96, 97



171, 0, 18

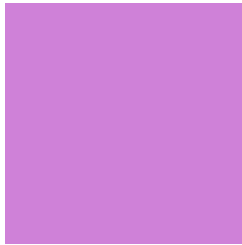


43, 0, 4



# Previews

## White Background



This preview shows how the RGB color 207, 129, 216 looks on a white background.

## Color Contrast Check

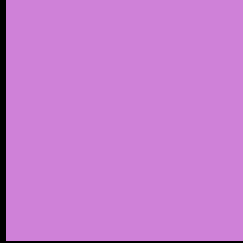
Large Text (above 18pt) WCAG AA × Fail

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 207, 129, 216 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

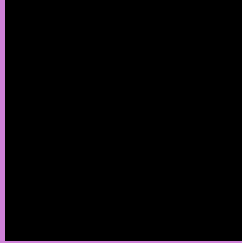
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 207, 129, 216 Background



This preview shows how black text looks on a background with the RGB color 207, 129, 216.

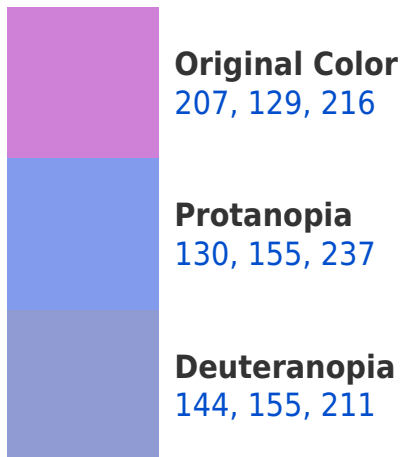


This preview shows how white text looks on a background with the RGB color 207, 129, 216.

# 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**  
199, 142, 153

# Trichromacy



**Original Color**

207, 129, 216



**Protanomaly**

158, 146, 229



**Deuteranomaly**

167, 146, 213



**Tritanomaly**

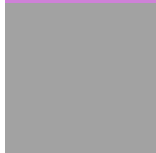
202, 137, 176

# Monochromacy



**Original Color**

207, 129, 216



**Achromatopsia**

162, 162, 162



**Achromatomaly**

178, 150, 182

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 207, 129, 216 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(207, 129, 216)` looks like.

```
.text, #text, p{  
    color:rgb(207, 129, 216)  
}
```

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(207, 129, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 129, 216) }
```

## Border

The CSS property to change the border of an element to RGB 207, 129, 216 is called "border". The border property can be set on classes, ids or directly on the HTML element.

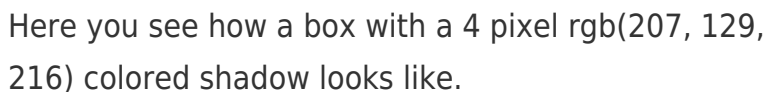
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 129, 216) }
```

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

```
.border{ border-color:rgb(207, 129, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 129, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 129, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 129, 216);  
box-shadow:4px 4px 4px 4px rgb(207, 129,  
216) }
```

# Background

The CSS property to change the background color of an element to RGB 207, 129, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 129, 216) }
```

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

```
.background{ background-color: rgb(207,  
129, 216) }
```

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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