

# Converting Colors

RGB(202, 129, 214)

Have a look what the booklet for  
RGB(202, 129, 214) contains.

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# Color

**RGB(202, 129, 214)**

# Conversions

Conversions Part 1	
Format	Color
Hex	CA81D6
RGB	202, 129, 214
RGB Percent	79%, 51%, 84%
CMY	0.2078, 0.4941, 0.1608
CMYK	0.06, 0.40, 0.00, 0.16
HSL	292°, 51%, 67%
HSV	292°, 40%, 84%
XYZ	44.3450, 33.1121, 67.6724
YIQ	160.5170, 16.2230, 41.9110

# Conversions

## Conversions Part 2

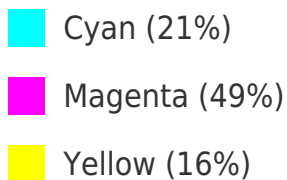
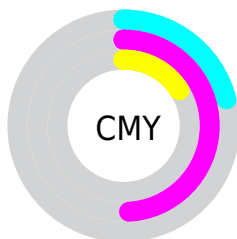
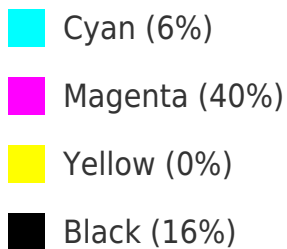
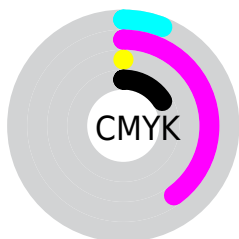
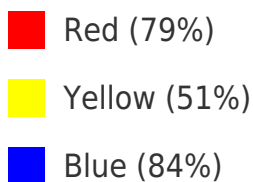
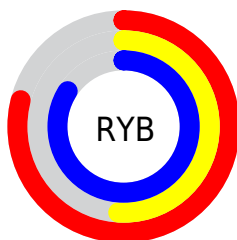
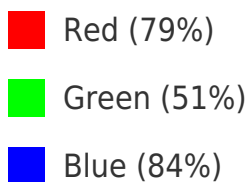
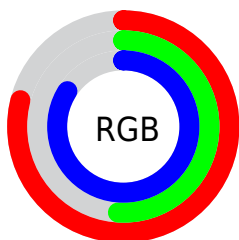
Format	Color
<a href="#">RYB</a>	<a href="#">202, 129, 214</a>
Decimal	<a href="#">13271510</a>
CIELab	<a href="#">64.25, 41.89, -32.31</a>
CIELCh	<a href="#">64, 52.902, 322.350</a>
Yxy	<a href="#">33.1121, 0.3056, 0.2282</a>
Android (android.graphics.Color)	<a href="#">4291461590</a> (0xFFCA81D6)
YUV	<a href="#">160.5170, 26.3671, 36.3806</a>
Hunter-Lab	<a href="#">57.5431, 36.8586, -29.4466</a>

# Details

The RGB color **202, 129, 214** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **141, 214, 129**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **255, 183, 255**, and **146, 77, 159** is the 20% darker color. If you saturate the color by 10%, you get **199, 108, 214**, and if you desaturate by 10%, it is **205, 150, 214**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the RGB color 202, 129, 214 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, 129, 214 by changing the saturation by 10% instead.





202, 129, 214



202, 129, 214

255, 255, 255



174, 103, 186



255, 183, 255



146, 77, 159



255, 211, 255



120, 52, 133



255, 240, 255



93, 27, 107



68, 0, 82



44, 0, 59




16, 0, 37




0, 0, 12



0, 0, 0


 202, 129, 214


 202, 129, 214


 199, 108, 214


 205, 150, 214

 196, 86, 214

 208, 172, 214

 193, 65, 214

 211, 193, 214

 190, 43, 214

 214, 215, 214

 187, 22, 214

 217, 236, 214

 184, 1, 214

 220, 255, 214

 184, 0, 214

 223, 255, 214

 226, 255, 214

 229, 255, 214

# Harmonies

## Analogous

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



138, 148, 243



202, 129, 214



236, 115, 170

# Triad

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



202, 129, 214



193, 149, 58



0, 179, 190

# Complementary

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



202, 129, 214



141, 214, 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, 178, 142



202, 129, 214



148, 164, 63

# Square

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



202, 129, 214



226, 131, 82



90, 174, 96



0, 175, 230

# Rectangle

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



202, 129, 214



244, 114, 138



90, 174, 96



0, 179, 174



# Sweetspot

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



202, 129, 214



251, 224, 255



129, 142, 214



125, 110, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



202, 129, 214



238, 133, 255



214, 129, 184



106, 96, 107



147, 0, 171



37, 0, 43



# Inverse Universe

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



214, 129, 141



255, 133, 150



129, 214, 159



107, 96, 98



171, 0, 24

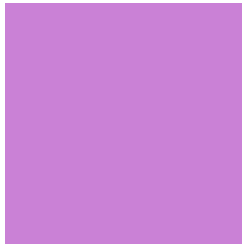


43, 0, 6



# Previews

## White Background



This preview shows how the RGB color 202, 129, 214 looks on a white background.

## Color Contrast Check

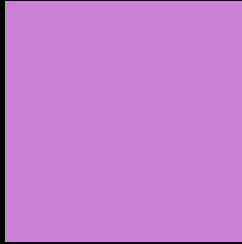
Large Text (above 18pt) WCAG AA × Fail

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 202, 129, 214 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 202, 129, 214 Background



This preview shows how black text looks on a background with the RGB color 202, 129, 214.



This preview shows how white text looks on a background with the RGB color 202, 129, 214.

# 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



**Original Color**

202, 129, 214

**Protanopia**

129, 153, 234

**Deuteranopia**

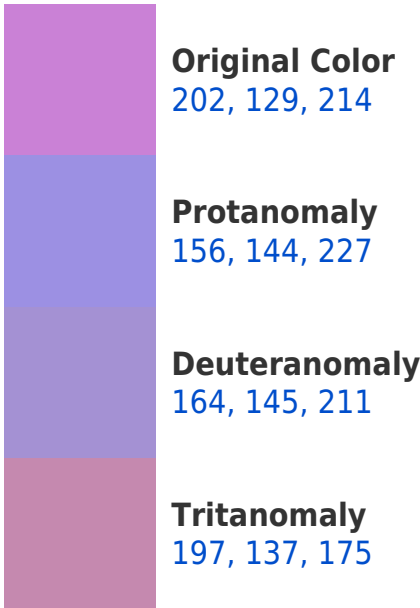
142, 154, 209



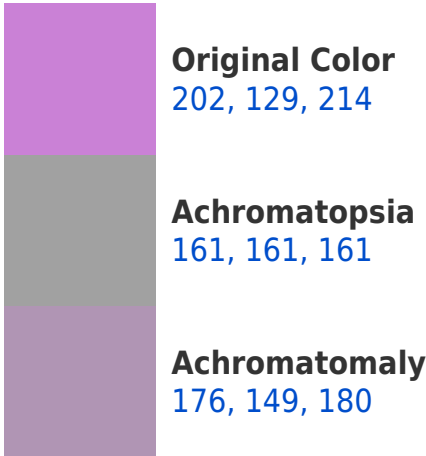
## Tritanopia

194, 142, 153

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to RGB 202, 129, 214 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, 129, 214) looks like.

```
.text, #text, p{  
    color:rgb(202, 129, 214)  
}
```

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, 129, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 129, 214) }
```

## Border

The CSS property to change the border of an element to RGB 202, 129, 214 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, 129, 214) }
```

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

```
.border{ border-color:rgb(202, 129, 214) }
```

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

Here you see how a box with a 4 pixel rgb(202, 129, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 129, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 129, 214);  
box-shadow:4px 4px 4px 4px rgb(202, 129,  
214) }
```

# Background

The CSS property to change the background color of an element to RGB 202, 129, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 129, 214) }
```

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

```
.background{ background-color: rgb(202,  
129, 214) }
```

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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