

# Converting Colors

RGB(205, 130, 195)

Have a look what the booklet for  
RGB(205, 130, 195) contains.

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# **Color**

**RGB(205, 130, 195)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD82C3
RGB	205, 130, 195
RGB Percent	80%, 51%, 76%
CMY	0.1961, 0.4902, 0.2353
CMYK	0.00, 0.37, 0.05, 0.20
HSL	308°, 43%, 66%
HSV	308°, 37%, 80%
XYZ	43.0098, 32.8845, 55.7102
YIQ	159.8350, 23.8350, 36.1150

# Conversions

## Conversions Part 2

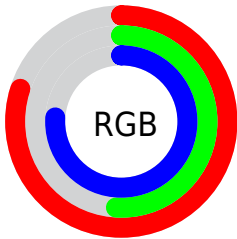
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 130, 195
Decimal	13468355
CIE <sub>Lab</sub>	64.07, 38.75, -21.92
CIE <sub>LCh</sub>	64, 44.517, 330.507
Yxy	32.8845, 0.3268, 0.2499
Android (android.graphics.Color)	4291658435 (0xFFCD82C3)
YUV	159.8350, 17.3363, 39.6097
Hunter-Lab	57.3450, 33.5244, -17.4582

# Details

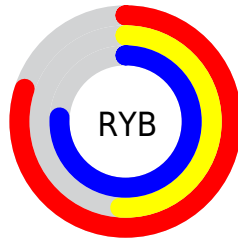
The RGB color **205, 130, 195** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **130, 205, 140**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **255, 184, 252**, and **149, 79, 141** is the 20% darker color. If you saturate the color by 10%, you get **205, 110, 192**, and if you desaturate by 10%, it is **205, 151, 198**.

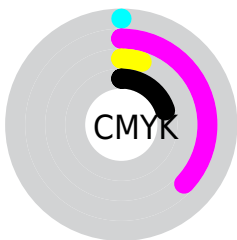
# Distribution



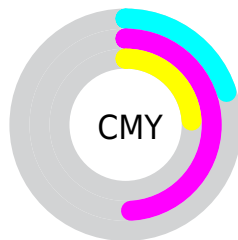
- Red (80%)
- Green (51%)
- Blue (76%)



- Red (80%)
- Yellow (51%)
- Blue (76%)



- Cyan (0%)
- Magenta (37%)
- Yellow (5%)
- Black (20%)



- Cyan (20%)
- Magenta (49%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 205, 130, 195 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 205, 130, 195 by changing the saturation by 10% instead.



 205, 130, 195

 205, 130, 195

255, 255, 255

 177, 104, 168

 255, 184, 252


 149, 79, 141

 255, 212, 255


 123, 54, 115

 255, 241, 255

 97, 28, 91

 71, 0, 67


 48, 0, 45

 19, 0, 23

 0, 0, 0

 205, 130, 195


 205, 130, 195

 205, 110, 192

 205, 151, 198

 205, 89, 190


 205, 171, 200

 205, 69, 187

 205, 192, 203

 205, 48, 184

 205, 212, 206

 205, 27, 181

 205, 233, 209

 205, 7, 179

 205, 253, 211

 205, 0, 178

 205, 255, 214

 205, 255, 217

 205, 255, 220

# Harmonies

## Analogous

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



159, 145, 224



205, 130, 195



228, 122, 156

# Triad

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



205, 130, 195



179, 153, 74



0, 175, 194

# Complementary

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



205, 130, 195



130, 205, 140

# 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, 176, 155



205, 130, 195



138, 165, 84

# Square

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



205, 130, 195



210, 139, 87



88, 172, 115



0, 169, 224

# Rectangle

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



205, 130, 195



231, 124, 130



88, 172, 115



0, 176, 182



# Sweetspot

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



205, 130, 195



255, 227, 251



140, 130, 205



128, 111, 125



0, 0, 0



128, 128, 128



# Same Dimension

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



205, 130, 195



255, 143, 240



205, 130, 158



102, 92, 101



166, 0, 144



38, 0, 33



# Inverse Universe

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



205, 130, 195



255, 143, 240



130, 205, 178



102, 92, 101



166, 0, 144



38, 0, 33



# Previews

## White Background



This preview shows how the RGB color 205, 130, 195 looks on a white background.

## Color Contrast Check

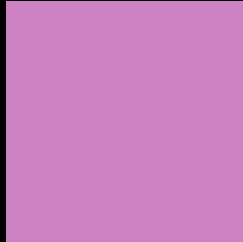
Large Text (above 18pt) WCAG AA × Fail

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 205, 130, 195 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

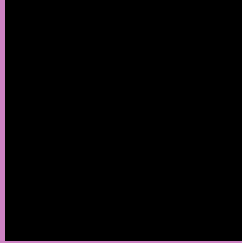
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 205, 130, 195 Background



This preview shows how black text looks on a background with the RGB color 205, 130, 195.

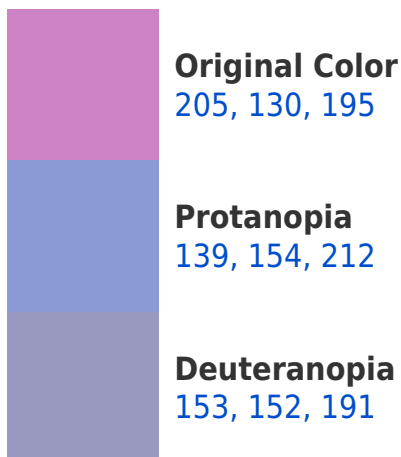



This preview shows how white text looks on a background with the RGB color 205, 130, 195.

# 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, 139, 150

# Trichromacy



**Original Color**

205, 130, 195



**Protanomaly**

163, 145, 206



**Deuteranomaly**

172, 144, 192



**Tritanomaly**

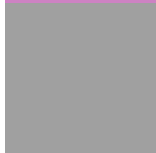
201, 136, 166

# Monochromacy



**Original Color**

205, 130, 195



**Achromatopsia**

160, 160, 160



**Achromatomaly**

176, 149, 173

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 205, 130, 195 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(205, 130, 195)` looks like.

```
.text, #text, p{  
    color:rgb(205, 130, 195)  
}
```

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(205, 130, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 130, 195) }
```

## Border

The CSS property to change the border of an element to RGB 205, 130, 195 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(205, 130, 195) }
```

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

```
.border{ border-color:rgb(205, 130, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 130, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 130, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 130, 195);  
box-shadow:4px 4px 4px 4px rgb(205, 130,  
195) }
```

# Background

The CSS property to change the background color of an element to RGB 205, 130, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 130, 195) }
```

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

```
.background{ background-color: rgb(205,  
130, 195) }
```

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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