

Converting Colors

RGB(204, 129, 218)

Have a look what the booklet for
RGB(204, 129, 218) contains.

RGB(204, 129, 218)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(204, 129, 218)

Conversions

Conversions Part 1

Format	Color
Hex	CC81DA
RGB	204, 129, 218
RGB Percent	80%, 51%, 85%
CMY	0.2000, 0.4941, 0.1451
CMYK	0.06, 0.41, 0.00, 0.15
HSL	291°, 55%, 68%
HSV	291°, 41%, 85%
XYZ	45.4070, 33.5998, 70.4219
YIQ	161.5710, 16.1310, 43.5790

Conversions

Conversions Part 2

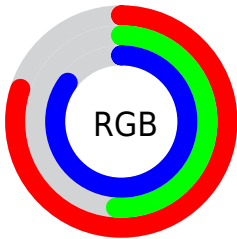
Format	Color
R_{YB}	204, 129, 218
Decimal	13402586
CIE _{Lab}	64.64, 43.27, -33.92
CIE _{LCh}	65, 54.978, 321.905
Yxy	33.5998, 0.3039, 0.2249
Android (android.graphics.Color)	4291592666 (0xFFCC81DA)
YUV	161.5710, 27.8195, 37.2102
Hunter-Lab	57.9654, 38.3880, -31.4554

Details

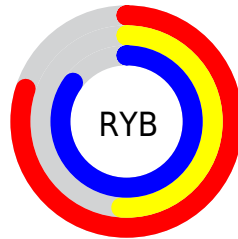
The RGB color **204, 129, 218** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **143, 218, 129**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **255, 183, 255**, and **148, 77, 163** is the 20% darker color. If you saturate the color by 10%, you get **201, 107, 218**, and if you desaturate by 10%, it is **207, 151, 218**.

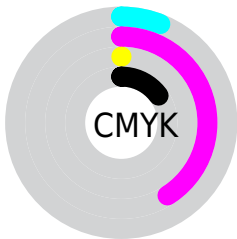
Distribution



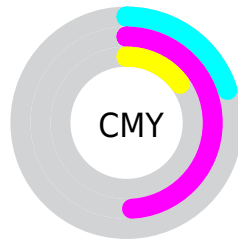
- Red (80%)
- Green (51%)
- Blue (85%)



- Red (80%)
- Yellow (51%)
- Blue (85%)



- Cyan (6%)
- Magenta (41%)
- Yellow (0%)
- Black (15%)




- Cyan (20%)
- Magenta (49%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 129, 218 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 204, 129, 218 by changing the saturation by 10% instead.


 204, 129, 218

255, 255, 255

 255, 183, 255


 255, 211, 255

 255, 240, 255

 204, 129, 218

 176, 103, 190

 148, 77, 163


 121, 52, 136

 95, 26, 111


 69, 0, 86

 45, 0, 62


 18, 0, 40

 0, 1, 17

 0, 0, 0


 204, 129, 218

 204, 129, 218

 201, 107, 218

 207, 151, 218

 197, 85, 218

 211, 173, 218


 194, 64, 218

 214, 194, 218

 190, 42, 218

 218, 216, 218

 187, 20, 218

 221, 238, 218

 184, 0, 218

 225, 255, 218

 228, 255, 218

 231, 255, 218

 235, 255, 218

Harmonies

Analogous

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



136, 149, 248



204, 129, 218



240, 114, 172

Triad

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



204, 129, 218



195, 150, 55



0, 181, 192

Complementary

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



204, 129, 218



143, 218, 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, 180, 141



204, 129, 218



149, 165, 59

Square

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



204, 129, 218



230, 131, 81



89, 175, 93



0, 177, 233

Rectangle

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



204, 129, 218



248, 113, 139



89, 175, 93



0, 181, 176

Sweetspot

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



204, 129, 218



250, 224, 255



129, 144, 218



125, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



204, 129, 218



235, 130, 255



218, 129, 188



108, 99, 110



146, 0, 173



39, 0, 46

Inverse Universe

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



218, 129, 143



255, 130, 150



129, 218, 159



110, 99, 100



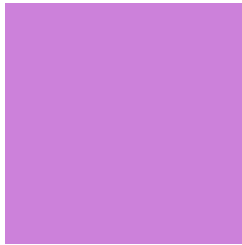
173, 0, 27



46, 0, 7

Previews

White Background



This preview shows how the RGB color 204, 129, 218 looks on a white background.

Color Contrast Check

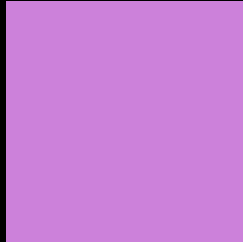
Large Text (above 18pt) WCAG AA × Fail

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 204, 129, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

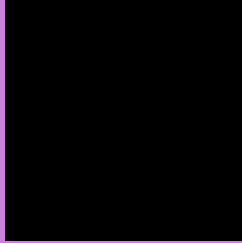
Any Text WCAG AA ✓ Pass

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 204, 129, 218 Background



This preview shows how black text looks on a background with the RGB color 204, 129, 218.

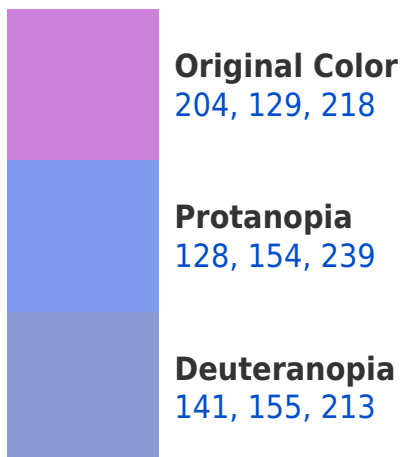



This preview shows how white text looks on a background with the RGB color 204, 129, 218.

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
195, 143, 154

Trichromacy



Original Color

204, 129, 218



Protanomaly

156, 145, 231



Deuteranomaly

164, 146, 215



Tritanomaly

198, 138, 177

Monochromacy



Original Color

204, 129, 218



Achromatopsia

162, 162, 162



Achromatomaly

177, 150, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 129, 218 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(204, 129, 218) looks like.

```
.text, #text, p{  
    color:rgb(204, 129, 218)  
}
```

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(204, 129, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 129, 218) }
```

Border

The CSS property to change the border of an element to RGB 204, 129, 218 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(204, 129, 218) }
```

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

```
.border{ border-color:rgb(204, 129, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 129, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 129, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 129, 218);  
box-shadow:4px 4px 4px 4px rgb(204, 129,  
218) }
```

Background

The CSS property to change the background color of an element to RGB 204, 129, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 129, 218) }
```

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

```
.background{ background-color: rgb(204,  
129, 218) }
```

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