

Converting Colors

RGB(204, 98, 214)

Have a look what the booklet for
RGB(204, 98, 214) contains.

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Color

RGB(204, 98, 214)

Conversions

Conversions Part 1

Format	Color
Hex	CC62D6
RGB	204, 98, 214
RGB Percent	80%, 38%, 84%
CMY	0.2000, 0.6157, 0.1608
CMYK	0.05, 0.54, 0.00, 0.16
HSL	295°, 59%, 61%
HSV	295°, 54%, 84%
XYZ	41.4071, 26.4278, 66.5370
YIQ	142.9180, 25.9400, 58.5480

Conversions

Conversions Part 2

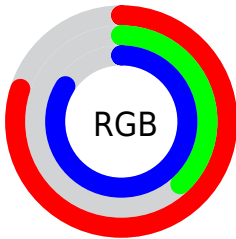
Format	Color
R_{YB}	204, 98, 214
Decimal	13394646
CIE _{Lab}	58.44, 58.17, -41.37
CIE _{LCh}	58, 71.384, 324.579
Yxy	26.4278, 0.3082, 0.1967
Android (android.graphics.Color)	4291584726 (0xFFCC62D6)
YUV	142.9180, 35.0434, 53.5689
Hunter-Lab	51.4080, 53.8110, -40.7531

Details

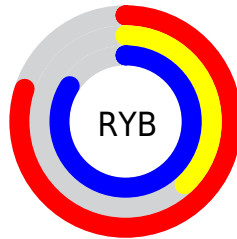
The RGB color **204, 98, 214** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **108, 214, 98**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **255, 153, 255**, and **147, 42, 159** is the 20% darker color. If you saturate the color by 10%, you get **202, 77, 214**, and if you desaturate by 10%, it is **206, 119, 214**.

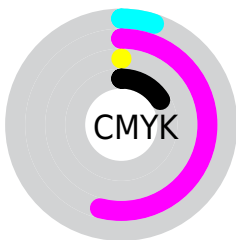
Distribution



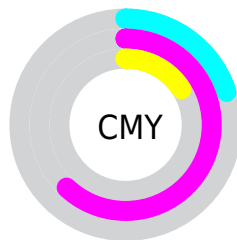
- Red (80%)
- Green (38%)
- Blue (84%)



- Red (80%)
- Yellow (38%)
- Blue (84%)



- Cyan (5%)
- Magenta (54%)
- Yellow (0%)
- Black (16%)



















- Cyan (20%)
- Magenta (62%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 98, 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 204, 98, 214 by changing the saturation by 10% instead.

 204, 98, 214	 204, 98, 214
 255, 255, 255	 175, 71, 186
 255, 153, 255	 147, 42, 159
 255, 181, 255	 119, 0, 132
 255, 210, 255	 92, 0, 106
 255, 239, 255	 66, 0, 82
	 42, 0, 58
	 0, 0, 35
	 0, 0, 10
	 0, 0, 0

■ 204, 98, 214

■ 204, 98, 214

■ 202, 77, 214

■ 206, 119, 214

■ 200, 55, 214

■ 208, 141, 214

■ 198, 34, 214

■ 210, 162, 214

■ 197, 12, 214

■ 211, 184, 214

■ 196, 0, 214

■ 213, 205, 214

■ 215, 226, 214

■ 217, 248, 214

■ 219, 255, 214

■ 221, 255, 214

Harmonies

Analogous

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



113, 129, 255



204, 98, 214



245, 73, 155

Triad

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



204, 98, 214



178, 134, 0



0, 169, 191

Complementary

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



204, 98, 214



108, 214, 98

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, 168, 127



204, 98, 214



119, 152, 0

Square

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



204, 98, 214



223, 107, 34



0, 163, 62



0, 164, 242

Rectangle

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



204, 98, 214



251, 73, 113



0, 163, 62



0, 169, 170

Sweetspot

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



204, 98, 214



251, 214, 255



98, 110, 214



125, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



204, 98, 214



241, 89, 255



214, 98, 168



106, 96, 107



156, 0, 171



40, 0, 43

Inverse Universe

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



214, 98, 108



255, 89, 104



98, 214, 144



107, 96, 97



171, 0, 15



43, 0, 4

Previews

White Background



This preview shows how the RGB color 204, 98, 214 looks on a white background.

Color Contrast Check

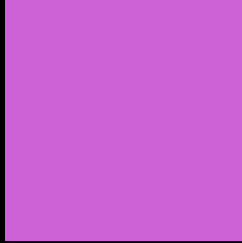
Large Text (above 18pt) WCAG AA ✓ Pass

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, 98, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

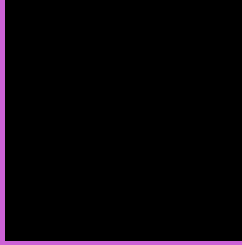
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RGB 204, 98, 214 Background



This preview shows how black text looks on a background with the RGB color 204, 98, 214.

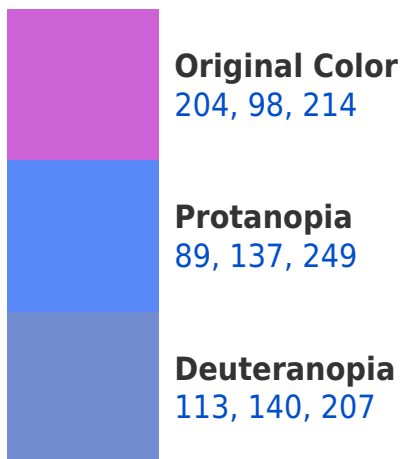



This preview shows how white text looks on a background with the RGB color 204, 98, 214.

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





Tritanopia
193, 120, 129

Trichromacy



Original Color

204, 98, 214



Protanomaly

131, 123, 236



Deuteranomaly

146, 125, 210



Tritanomaly

197, 112, 160

Monochromacy



Original Color

204, 98, 214



Achromatopsia

143, 143, 143



Achromatomaly

165, 127, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 98, 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(204, 98, 214) looks like.

```
.text, #text, p{  
    color:rgb(204, 98, 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(204, 98, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 98, 214) }
```

Border

The CSS property to change the border of an element to RGB 204, 98, 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(204, 98, 214) }
```

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

```
.border{ border-color:rgb(204, 98, 214) }
```

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

Here you see how a box with a 4 pixel rgb(204, 98, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 98, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 98, 214);  
box-shadow:4px 4px 4px 4px rgb(204, 98,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 204, 98, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 98, 214) }
```

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

```
.background{ background-color: rgb(204, 98,  
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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