

Converting Colors

RGB(201, 108, 214)

Have a look what the booklet for
RGB(201, 108, 214) contains.

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Color

RGB(201, 108, 214)

Conversions

Conversions Part 1

Format	Color
Hex	C96CD6
RGB	201, 108, 214
RGB Percent	79%, 42%, 84%
CMY	0.2118, 0.5765, 0.1608
CMYK	0.06, 0.50, 0.00, 0.16
HSL	293°, 56%, 63%
HSV	293°, 50%, 84%
XYZ	41.5876, 27.9977, 66.8305
YIQ	147.8910, 21.4020, 52.6820

Conversions

Conversions Part 2

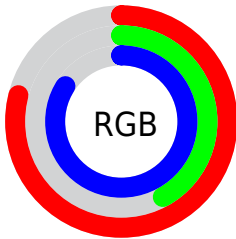
Format	Color
R _Y B	201, 108, 214
Decimal	13200598
CIE Lab	59.89, 52.49, -39.13
CIE LCh	60, 65.470, 323.297
Yxy	27.9977, 0.3049, 0.2052
Android (android.graphics.Color)	4291390678 (0xFFC96CD6)
YUV	147.8910, 32.5917, 46.5766
Hunter-Lab	52.9128, 47.6971, -37.8461

Details

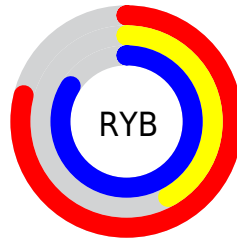
The RGB color **201, 108, 214** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **121, 214, 108**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **255, 162, 255**, and **145, 55, 159** is the 20% darker color. If you saturate the color by 10%, you get **198, 87, 214**, and if you desaturate by 10%, it is **204, 129, 214**.

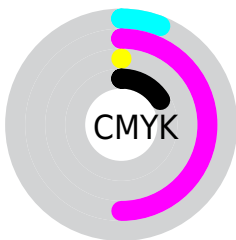
Distribution



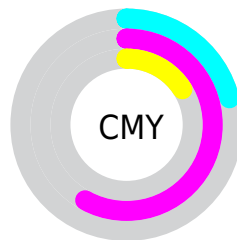
- Red (79%)
- Green (42%)
- Blue (84%)



- Red (79%)
- Yellow (42%)
- Blue (84%)



- Cyan (6%)
- Magenta (50%)
- Yellow (0%)
- Black (16%)





- Cyan (21%)
- Magenta (58%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 108, 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 201, 108, 214 by changing the saturation by 10% instead.

 201, 108, 214

 201, 108, 214

255, 255, 255

 173, 81, 186


 255, 162, 255

 145, 55, 159

 255, 190, 255

 117, 25, 132

 255, 219, 255

 91, 0, 107

 255, 248, 255


 64, 0, 82


 42, 0, 59

 0, 0, 36

 0, 0, 11


 0, 0, 0

 201, 108, 214


 201, 108, 214

 198, 87, 214


 204, 129, 214


 196, 65, 214

 206, 151, 214

 193, 44, 214

 209, 172, 214

 191, 22, 214

 211, 194, 214

 188, 1, 214

 214, 215, 214

 188, 0, 214

 217, 236, 214

 219, 255, 214

 222, 255, 214

 225, 255, 214

Harmonies

Analogous

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



118, 135, 251



201, 108, 214



240, 87, 160

Triad

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



201, 108, 214



183, 137, 0



0, 171, 188

Complementary

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



201, 108, 214



121, 214, 108

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, 170, 129



201, 108, 214



129, 155, 16

Square

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



201, 108, 214



224, 113, 51



46, 165, 71



0, 167, 236

Rectangle

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



201, 108, 214



248, 87, 121



46, 165, 71



0, 171, 169

Sweetspot

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



201, 108, 214



250, 217, 255



108, 122, 214



125, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



201, 108, 214



237, 105, 255



214, 108, 175



106, 96, 107



150, 0, 171



38, 0, 43

Inverse Universe

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



214, 108, 121



255, 105, 123



108, 214, 147



107, 96, 98



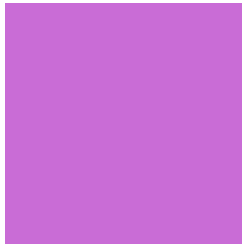
171, 0, 21



43, 0, 5

Previews

White Background



This preview shows how the RGB color 201, 108, 214 looks on a white background.

Color Contrast Check

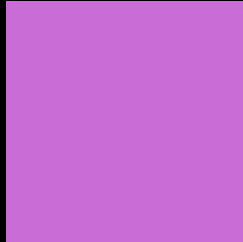
Large Text (above 18pt) WCAG AA ✓ Pass

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 201, 108, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

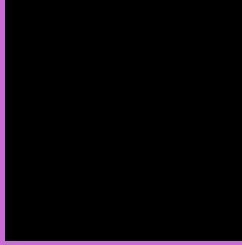
Any Text WCAG AA ✓ Pass

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 201, 108, 214 Background



This preview shows how black text looks on a background with the RGB color 201, 108, 214.

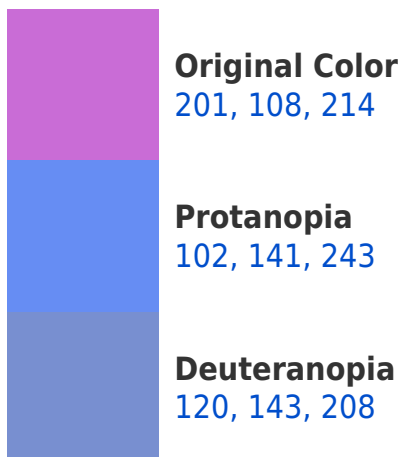


This preview shows how white text looks on a background with the RGB color 201, 108, 214.

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
191, 127, 136

Trichromacy



Original Color

201, 108, 214



Protanomaly

138, 129, 232



Deuteranomaly

149, 130, 210



Tritanomaly

195, 120, 164

Monochromacy



Original Color

201, 108, 214



Achromatopsia

148, 148, 148



Achromatomaly

167, 133, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 108, 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(201, 108, 214)` looks like.

```
.text, #text, p{  
    color:rgb(201, 108, 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(201, 108, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 108, 214) }
```

Border

The CSS property to change the border of an element to RGB 201, 108, 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(201, 108, 214) }
```

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

```
.border{ border-color:rgb(201, 108, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 108, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 108, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 108, 214);  
box-shadow:4px 4px 4px 4px rgb(201, 108,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 201, 108, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 108, 214) }
```

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

```
.background{ background-color: rgb(201,  
108, 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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