

Converting Colors

RGB(201, 104, 220)

Have a look what the booklet for
RGB(201, 104, 220) contains.

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Color

RGB(201, 104, 220)

Conversions

Conversions Part 1

Format	Color
Hex	C968DC
RGB	201, 104, 220
RGB Percent	79%, 41%, 86%
CMY	0.2118, 0.5922, 0.1373
CMYK	0.09, 0.53, 0.00, 0.14
HSL	290°, 62%, 64%
HSV	290°, 53%, 86%
XYZ	41.9560, 27.4854, 70.8040
YIQ	146.2270, 20.5760, 56.6400

Conversions

Conversions Part 2

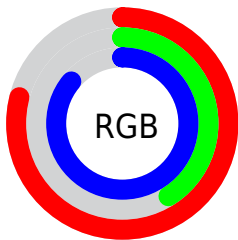
Format	Color
R_{YB}	201, 104, 220
Decimal	13199580
CIE _{Lab}	59.42, 55.61, -43.24
CIE _{LCh}	59, 70.444, 322.138
Yxy	27.4854, 0.2992, 0.1960
Android (android.graphics.Color)	4291389660 (0xFFC968DC)
YUV	146.2270, 36.3701, 48.0359
Hunter-Lab	52.4266, 51.1037, -43.3748

Details

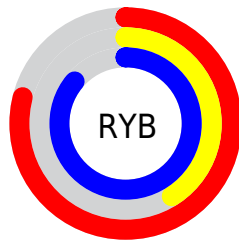
The RGB color **201, 104, 220** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **123, 220, 104**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **255, 159, 255**, and **144, 50, 164** is the 20% darker color. If you saturate the color by 10%, you get **197, 82, 220**, and if you desaturate by 10%, it is **205, 126, 220**.

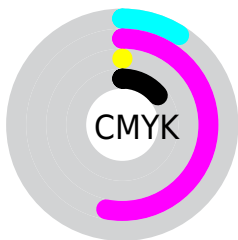
Distribution



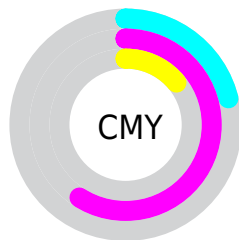
- Red (79%)
- Green (41%)
- Blue (86%)



- Red (79%)
- Yellow (41%)
- Blue (86%)



- Cyan (9%)
- Magenta (53%)
- Yellow (0%)
- Black (14%)





- Cyan (21%)
- Magenta (59%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 104, 220 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, 104, 220 by changing the saturation by 10% instead.

 201, 104, 220

 201, 104, 220

255, 255, 255

 172, 77, 192

 255, 159, 255

 144, 50, 164

 255, 187, 255

 117, 17, 138

 255, 215, 255

 90, 0, 112

 255, 244, 255


 63, 0, 87


 41, 0, 63

 0, 0, 40

 0, 1, 17

 0, 0, 0

 201, 104, 220


 201, 104, 220


 197, 82, 220

 205, 126, 220

 194, 60, 220

 208, 148, 220

 190, 38, 220

 212, 170, 220

 187, 16, 220

 215, 192, 220

 184, 0, 220

 219, 214, 220

 223, 236, 220

 226, 255, 220

 230, 255, 220

 233, 255, 220

Harmonies

Analogous

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



106, 134, 255



201, 104, 220



245, 79, 162

Triad

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



201, 104, 220



185, 135, 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, 104, 220



123, 220, 104

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, 124



201, 104, 220



128, 154, 0

Square

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



201, 104, 220



229, 108, 43



33, 165, 61



0, 167, 240

Rectangle

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



201, 104, 220



253, 77, 121



33, 165, 61



0, 171, 167

Sweetspot

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



201, 104, 220



248, 214, 255



104, 123, 220



124, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



201, 104, 220



229, 94, 255



220, 104, 181



108, 99, 110



145, 0, 173



38, 0, 46

Inverse Universe

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



220, 104, 123



255, 94, 121



104, 220, 143



110, 99, 100



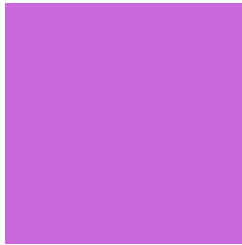
173, 0, 28



46, 0, 8

Previews

White Background



This preview shows how the RGB color 201, 104, 220 looks on a white background.

Color Contrast Check

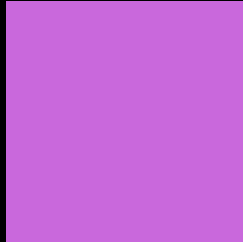
Large Text (above 18pt) WCAG AA ✓ Pass

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, 104, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

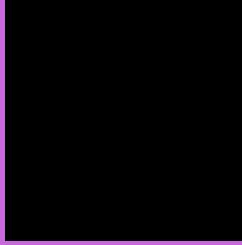
Any Text WCAG AA ✓ Pass

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, 104, 220 Background



This preview shows how black text looks on a background with the RGB color 201, 104, 220.

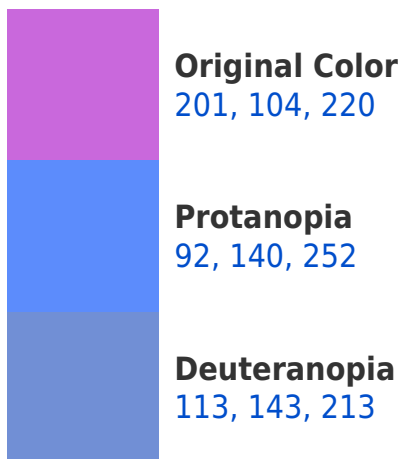


This preview shows how white text looks on a background with the RGB color 201, 104, 220.

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
189, 125, 135

Trichromacy



Original Color

201, 104, 220



Protanomaly

132, 127, 240



Deuteranomaly

145, 129, 216



Tritanomaly

193, 117, 166

Monochromacy



Original Color

201, 104, 220



Achromatopsia

146, 146, 146



Achromatomaly

166, 131, 173

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 104, 220 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, 104, 220) looks like.

```
.text, #text, p{  
    color:rgb(201, 104, 220)  
}
```

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, 104, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 104, 220) }
```

Border

The CSS property to change the border of an element to RGB 201, 104, 220 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, 104, 220) }
```

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

```
.border{ border-color:rgb(201, 104, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 104, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 104, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 104, 220); box-shadow:4px 4px 4px 4px rgb(201, 104, 220) }
```

Background

The CSS property to change the background color of an element to RGB 201, 104, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 104, 220) }
```

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

```
.background{ background-color: rgb(201,  
104, 220) }
```

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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