

Converting Colors

RGB(204, 0, 214)

Have a look what the booklet for
RGB(204, 0, 214) contains.

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Color

RGB(204, 0, 214)

Conversions

Conversions Part 1

Format	Color
Hex	CC00D6
RGB	204, 0, 214
RGB Percent	80%, 0%, 84%
CMY	0.2000, 1.0000, 0.1608
CMYK	0.05, 1.00, 0.00, 0.16
HSL	297°, 100%, 42%
HSV	297°, 100%, 84%
XYZ	37.0394, 17.6924, 65.0811
YIQ	85.3920, 52.8900, 109.8020

Conversions

Conversions Part 2

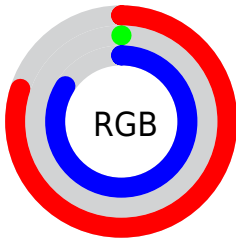
Format	Color
RYB	204, 0, 214
Decimal	13369558
CIELab	49.12, 84.52, -56.19
CIElCh	49, 101.495, 326.381
Yxy	17.6924, 0.3091, 0.1477
Android (android.graphics.Color)	4291559638 (0xFFCC00D6)
YUV	85.3920, 63.4037, 104.0192
Hunter-Lab	42.0623, 83.5752, -62.2930

Details

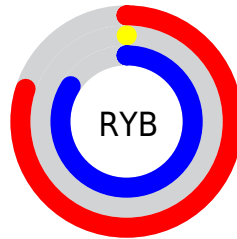
The RGB color **204, 0, 214** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **10, 214, 0**, and the grayscale version is **85, 85, 85**.

A 20% lighter version of the original color is **255, 93, 255**, and **145, 0, 158** is the 20% darker color. If you saturate the color by 10%, you get **204, 0, 214**, and if you desaturate by 10%, it is **205, 21, 214**.

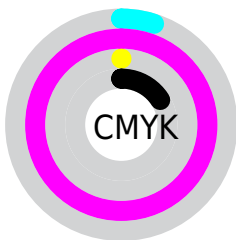
Distribution



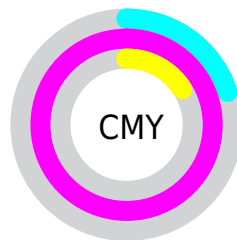
- Red (80%)
- Green (0%)
- Blue (84%)



- Red (80%)
- Yellow (0%)
- Blue (84%)



- Cyan (5%)
- Magenta (100%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (100%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 0, 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, 0, 214 by changing the saturation by 10% instead.



204, 0, 214



204, 0, 214

255, 255, 255



174, 0, 186



255, 93, 255



145, 0, 158



255, 125, 255



115, 0, 131



255, 155, 255



86, 0, 106



255, 185, 255



60, 0, 81



255, 215, 255



27, 0, 56



255, 245, 255



0, 2, 34



0, 0, 7



0, 0, 0

■ 204, 0, 214

■ 205, 21, 214

■ 206, 43, 214

■ 207, 64, 214

■ 208, 86, 214

■ 209, 107, 214

■ 210, 128, 214

■ 211, 150, 214

■ 212, 171, 214

■ 213, 193, 214

Harmonies

Analogous

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



27, 99, 255



204, 0, 214



254, 0, 131

Triad

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



204, 0, 214



151, 111, 0



0, 150, 192

Complementary

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



204, 0, 214



10, 214, 0

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, 148, 104



204, 0, 214



63, 133, 0

Square

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



204, 0, 214



214, 63, 0



0, 144, 0



0, 147, 255

Rectangle

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



204, 0, 214



255, 0, 75



0, 144, 0



0, 149, 164

Sweetspot

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



204, 0, 214



251, 179, 255



0, 11, 214



125, 82, 128



0, 0, 0



128, 128, 128

Same Dimension

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



204, 0, 214



243, 0, 255



214, 0, 118



107, 96, 107



163, 0, 171



41, 0, 43

Inverse Universe

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



214, 0, 10



255, 0, 12



0, 214, 96



107, 96, 97



171, 0, 8



43, 0, 2

Previews

White Background



This preview shows how the RGB color 204, 0, 214 looks on a white background.

Color Contrast Check

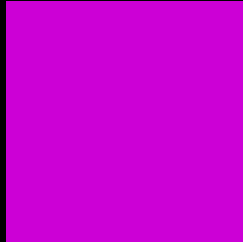
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 204, 0, 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, 0, 214 Background



This preview shows how black text looks on a background with the RGB color 204, 0, 214.

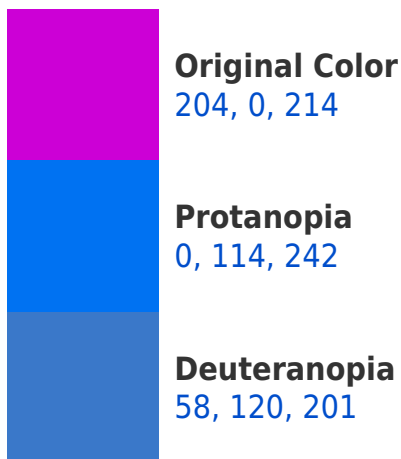


This preview shows how white text looks on a background with the RGB color 204, 0, 214.

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
190, 84, 90

Trichromacy



Original Color

204, 0, 214



Protanomaly

74, 73, 232



Deuteranomaly

111, 76, 206



Tritanomaly

195, 53, 135

Monochromacy



Original Color

204, 0, 214



Achromatopsia

85, 85, 85



Achromatomaly

128, 54, 132

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 0, 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, 0, 214)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 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, 0, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 214) }
```

Border

The CSS property to change the border of an element to RGB 204, 0, 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, 0, 214) }
```

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

```
.border{ border-color:rgb(204, 0, 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, 0, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 214);  
box-shadow:4px 4px 4px 4px rgb(204, 0,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 204, 0, 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, 0, 214) }
```

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

```
.background{ background-color: rgb(204, 0,  
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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