

Converting Colors

RGB(204, 49, 203)

Have a look what the booklet for
RGB(204, 49, 203) contains.

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Color

RGB(204, 49, 203)

Conversions

Conversions Part 1

Format	Color
Hex	CC31CB
RGB	204, 49, 203
RGB Percent	80%, 19%, 80%
CMY	0.2000, 0.8078, 0.2039
CMYK	0.00, 0.76, 0.00, 0.20
HSL	300°, 61%, 50%
HSV	300°, 76%, 80%
XYZ	36.7796, 19.3458, 58.2955
YIQ	112.9010, 42.9460, 80.7540

Conversions

Conversions Part 2

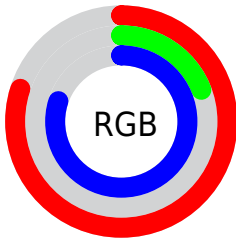
Format	Color
RYB	204, 49, 203
Decimal	13382091
CIELab	51.09, 75.18, -46.73
CIELCh	51, 88.518, 328.136
Yxy	19.3458, 0.3214, 0.1691
Android (android.graphics.Color)	4291572171 (0xFFCC31CB)
YUV	112.9010, 44.4188, 79.8938
Hunter-Lab	43.9839, 72.2914, -47.7934

Details

The RGB color **204, 49, 203** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **49, 204, 50**, and the grayscale version is **112, 112, 112**.

A 20% lighter version of the original color is **255, 112, 255**, and **146, 0, 148** is the 20% darker color. If you saturate the color by 10%, you get **204, 29, 203**, and if you desaturate by 10%, it is **204, 69, 203**.

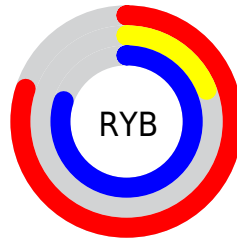
Distribution



Red (80%)

Green (19%)

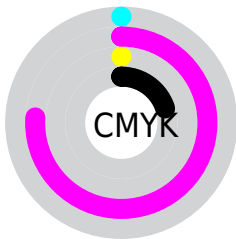
Blue (80%)



Red (80%)

Yellow (19%)

Blue (80%)

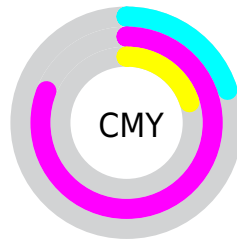


Cyan (0%)

Magenta (76%)

Yellow (0%)

Black (20%)



Cyan (20%)

Magenta (81%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 49, 203 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, 49, 203 by changing the saturation by 10% instead.

 204, 49, 203

 204, 49, 203

255, 255, 255

 175, 0, 175

 255, 112, 255

 146, 0, 148

 255, 142, 255

 117, 0, 122

 255, 171, 255

 89, 0, 96

 255, 200, 255

 63, 0, 72

 255, 230, 255

 33, 0, 48

 0, 1, 26

 0, 0, 0

 204, 49, 203

 204, 49, 203

■ 204, 29, 203

■ 204, 69, 203

■ 204, 8, 203

■ 204, 90, 203

■ 204, 0, 203

■ 204, 110, 203

■ 204, 131, 204

■ 204, 151, 204

■ 204, 171, 204

■ 204, 192, 204

■ 204, 212, 204

■ 204, 233, 204

Harmonies

Analogous

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



90, 103, 255



204, 49, 203



245, 0, 130

Triad

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



204, 49, 203



153, 117, 0



0, 152, 192

Complementary

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



204, 49, 203



49, 204, 50

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, 151, 115



204, 49, 203



76, 137, 0

Square

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



204, 49, 203



208, 82, 0



0, 147, 28



0, 148, 251

Rectangle

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



204, 49, 203



248, 0, 80



0, 147, 28



0, 152, 167

Sweetspot

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



204, 49, 203



255, 196, 255



49, 49, 204



128, 92, 127



0, 0, 0



128, 128, 128

Same Dimension

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



204, 49, 203



255, 23, 254



204, 49, 127



102, 92, 102



166, 0, 165



38, 0, 38

Inverse Universe

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



204, 49, 203



255, 23, 254



49, 204, 127



102, 92, 102



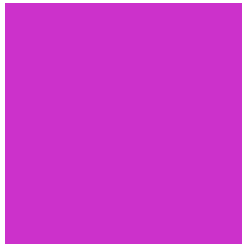
166, 0, 165



38, 0, 38

Previews

White Background



This preview shows how the RGB color 204, 49, 203 looks on a white background.

Color Contrast Check

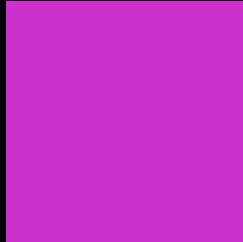
Large Text (above 18pt) WCAG AA ✓ Pass

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, 49, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

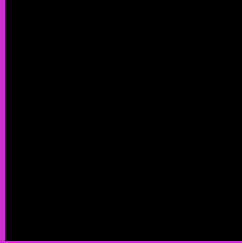
Any Text WCAG AA ✓ Pass

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, 49, 203 Background



This preview shows how black text looks on a background with the RGB color 204, 49, 203.

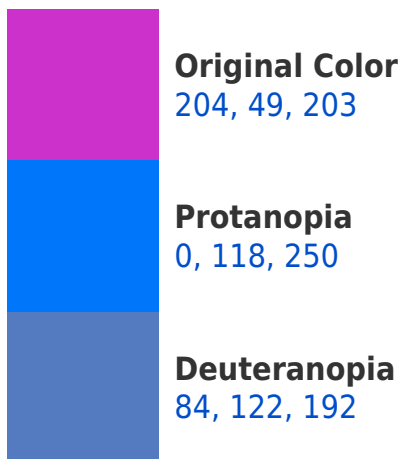



This preview shows how white text looks on a background with the RGB color 204, 49, 203.

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
192, 89, 96

Trichromacy



Original Color

204, 49, 203



Protanomaly

74, 93, 233



Deuteranomaly

128, 95, 196



Tritanomaly

196, 74, 135

Monochromacy



Original Color

204, 49, 203



Achromatopsia

113, 113, 113



Achromatomaly

146, 90, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 49, 203 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, 49, 203) looks like.

```
.text, #text, p{  
    color:rgb(204, 49, 203)  
}
```

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, 49, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 49, 203) }
```

Border

The CSS property to change the border of an element to RGB 204, 49, 203 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, 49, 203) }
```

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

```
.border{ border-color:rgb(204, 49, 203) }
```

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

Here you see how a box with a 4 pixel rgb(204, 49, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 49, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 49, 203);  
box-shadow:4px 4px 4px 4px rgb(204, 49,  
203) }
```

Background

The CSS property to change the background color of an element to RGB 204, 49, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 49, 203) }
```

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

```
.background{ background-color: rgb(204, 49,  
203) }
```

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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