

Converting Colors

RGB(218, 29, 209)

Have a look what the booklet for
RGB(218, 29, 209) contains.

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Color

RGB(218, 29, 209)

Conversions

Conversions Part 1

Format	Color
Hex	DA1DD1
RGB	218, 29, 209
RGB Percent	85%, 11%, 82%
CMY	0.1451, 0.8863, 0.1804
CMYK	0.00, 0.87, 0.04, 0.15
HSL	303°, 77%, 48%
HSV	303°, 87%, 85%
XYZ	40.8614, 20.3876, 62.1032
YIQ	106.0310, 54.8640, 96.0480

Conversions

Conversions Part 2

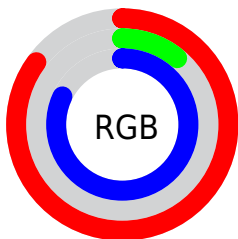
Format	Color
RYB	218, 29, 209
Decimal	14294481
CIELab	52.27, 83.09, -48.15
CIELCh	52, 96.031, 329.907
Yxy	20.3876, 0.3313, 0.1653
Android (android.graphics.Color)	4292484561 (0xFFDA1DD1)
YUV	106.0310, 50.7637, 98.1968
Hunter-Lab	45.1526, 82.5186, -49.9409

Details

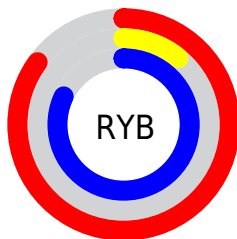
The RGB color **218, 29, 209** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **29, 218, 38**, and the grayscale version is **105, 105, 105**.

A 20% lighter version of the original color is **255, 104, 255**, and **158, 0, 154** is the 20% darker color. If you saturate the color by 10%, you get **218, 7, 208**, and if you desaturate by 10%, it is **218, 51, 210**.

Distribution



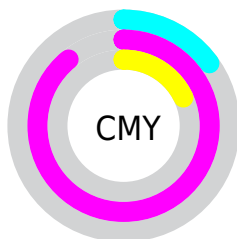
- Red (85%)
- Green (11%)
- Blue (82%)



- Red (85%)
- Yellow (11%)
- Blue (82%)



- Cyan (0%)
- Magenta (87%)
- Yellow (4%)
- Black (15%)




















- Cyan (15%)
- Magenta (89%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 218, 29, 209 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 218, 29, 209 by changing the saturation by 10% instead.

 218, 29, 209	 218, 29, 209
 255, 255, 255	 188, 0, 181
 255, 104, 255	 158, 0, 154
 255, 135, 255	 129, 0, 127
 255, 165, 255	 100, 0, 102
 255, 195, 255	 73, 0, 77
 255, 225, 255	 44, 0, 53
	 0, 0, 31
	 0, 0, 1
	 0, 0, 0

■ 218, 29, 209

■ 218, 29, 209

■ 218, 7, 208

■ 218, 51, 210

■ 218, 0, 208

■ 218, 73, 211

■ 218, 94, 212

■ 218, 116, 213

■ 218, 138, 214

■ 218, 160, 215

■ 218, 182, 216

■ 218, 203, 217

■ 218, 225, 218

Harmonies

Analogous

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



98, 102, 255



218, 29, 209



255, 0, 129

Triad

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



218, 29, 209



152, 122, 0



0, 157, 206

Complementary

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



218, 29, 209



29, 218, 38

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, 156, 122



218, 29, 209



65, 142, 0

Square

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



218, 29, 209



214, 83, 0



0, 152, 27



0, 153, 255

Rectangle

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



218, 29, 209



255, 0, 75



0, 152, 27



0, 157, 179

Sweetspot

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



218, 29, 209



255, 189, 252



35, 29, 218



128, 88, 126



0, 0, 0



128, 128, 128

Same Dimension

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



218, 29, 209



255, 0, 243



218, 29, 117



110, 99, 109



173, 0, 165



46, 0, 44

Inverse Universe

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



218, 29, 209



255, 0, 243



29, 218, 130



110, 99, 109



173, 0, 165



46, 0, 44

Previews

White Background



This preview shows how the RGB color 218, 29, 209 looks on a white background.

Color Contrast Check

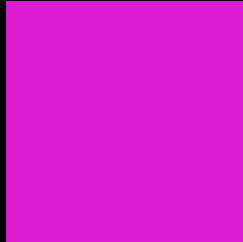
Large Text (above 18pt) WCAG AA ✓ Pass

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 218, 29, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

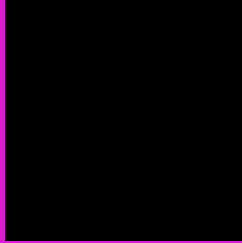
Any Text WCAG AA ✓ Pass

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 218, 29, 209 Background



This preview shows how black text looks on a background with the RGB color 218, 29, 209.

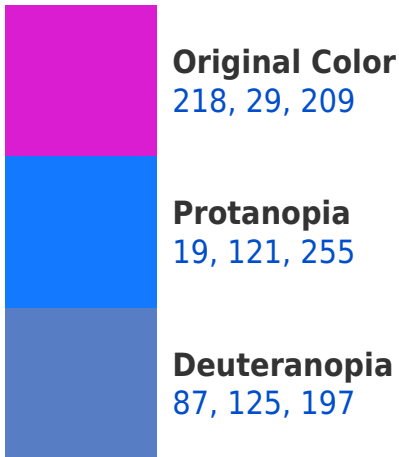


This preview shows how white text looks on a background with the RGB color 218, 29, 209.

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
206, 85, 91

Trichromacy



Original Color

218, 29, 209



Protanomaly

91, 88, 238



Deuteranomaly

135, 90, 201



Tritanomaly

210, 65, 134

Monochromacy



Original Color

218, 29, 209



Achromatopsia

106, 106, 106



Achromatomaly

147, 78, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 29, 209 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(218, 29, 209)` looks like.

```
.text, #text, p{  
    color:rgb(218, 29, 209)  
}
```

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(218, 29, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 29, 209) }
```

Border

The CSS property to change the border of an element to RGB 218, 29, 209 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(218, 29, 209) }
```

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

```
.border{ border-color:rgb(218, 29, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 29, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 29, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 29, 209);  
box-shadow:4px 4px 4px 4px rgb(218, 29,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 218, 29, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 29, 209) }
```

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

```
.background{ background-color: rgb(218, 29,  
209) }
```

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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