

Converting Colors

RGB(206, 18, 209)

Have a look what the booklet for
RGB(206, 18, 209) contains.

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Color

RGB(206, 18, 209)

Conversions

Conversions Part 1

Format	Color
Hex	CE12D1
RGB	206, 18, 209
RGB Percent	81%, 7%, 82%
CMY	0.1922, 0.9294, 0.1804
CMYK	0.01, 0.91, 0.00, 0.18
HSL	299°, 84%, 45%
HSV	299°, 91%, 82%
XYZ	37.1785, 18.1579, 61.8669
YIQ	95.9860, 50.7370, 99.2570

Conversions

Conversions Part 2

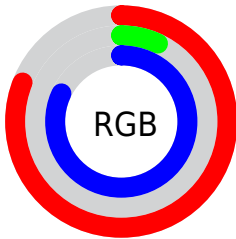
Format	Color
RYB	206, 18, 209
Decimal	13505233
CIELab	49.69, 82.54, -52.40
CIELCh	50, 97.763, 327.590
Yxy	18.1579, 0.3172, 0.1549
Android (android.graphics.Color)	4291695313 (0xFFCE12D1)
YUV	95.9860, 55.7159, 96.4823
Hunter-Lab	42.6121, 81.1681, -56.2526

Details

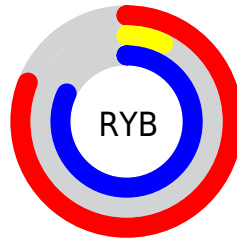
The RGB color **206, 18, 209** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **21, 209, 18**, and the grayscale version is **95, 95, 95**.

A 20% lighter version of the original color is **255, 98, 255**, and **147, 0, 154** is the 20% darker color. If you saturate the color by 10%, you get **206, 0, 209**, and if you desaturate by 10%, it is **206, 39, 209**.

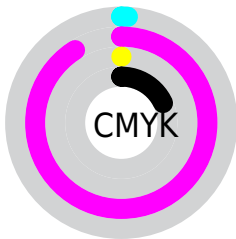
Distribution



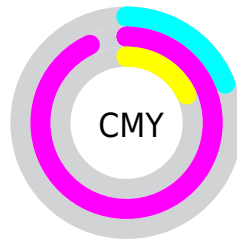
- Red (81%)
- Green (7%)
- Blue (82%)



- Red (81%)
- Yellow (7%)
- Blue (82%)



- Cyan (1%)
- Magenta (91%)
- Yellow (0%)
- Black (18%)





















- Cyan (19%)
- Magenta (93%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 206, 18, 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 206, 18, 209 by changing the saturation by 10% instead.

 206, 18, 209	 206, 18, 209
 255, 255, 255	 176, 0, 181
 255, 98, 255	 147, 0, 154
 255, 128, 255	 118, 0, 127
 255, 158, 255	 89, 0, 101
 255, 188, 255	 63, 0, 77
 255, 218, 255	 31, 0, 53
 255, 249, 255	 0, 2, 30
	 0, 0, 0
	 0, 0, 0

■ 206, 18, 209

■ 206, 18, 209

■ 206, 0, 209

■ 206, 39, 209

■ 207, 60, 209

■ 207, 81, 209

■ 207, 102, 209

■ 208, 123, 209

■ 208, 143, 209

■ 208, 164, 209

■ 209, 185, 209

■ 209, 206, 209

Harmonies

Analogous

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



64, 99, 255



206, 18, 209



252, 0, 129

Triad

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



206, 18, 209



150, 113, 0



0, 150, 194

Complementary

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



206, 18, 209



21, 209, 18

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, 149, 109



206, 18, 209



65, 135, 0

Square

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



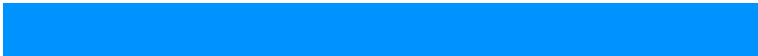
206, 18, 209



211, 71, 0



0, 145, 0



0, 147, 255

Rectangle

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



206, 18, 209



254, 0, 75



0, 145, 0



0, 150, 167

Sweetspot

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



206, 18, 209



254, 186, 255



18, 21, 209



127, 87, 128



0, 0, 0



128, 128, 128

Same Dimension

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



206, 18, 209



251, 0, 255



209, 18, 117



104, 94, 105



166, 0, 168



40, 0, 41

Inverse Universe

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



209, 18, 21



255, 0, 4



18, 209, 110



105, 94, 94



168, 0, 3



41, 0, 1

Previews

White Background



This preview shows how the RGB color 206, 18, 209 looks on a white background.

Color Contrast Check

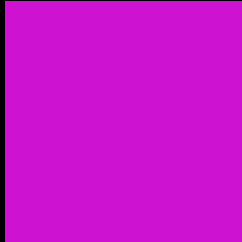
Large Text (above 18pt) WCAG AA ✓ Pass

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 206, 18, 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 206, 18, 209 Background



This preview shows how black text looks on a background with the RGB color 206, 18, 209.



This preview shows how white text looks on a background with the RGB color 206, 18, 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



Original Color
206, 18, 209

Protanopia
0, 115, 243

Deuteranopia
69, 120, 197



Tritanopia
193, 83, 89

Trichromacy



Original Color

206, 18, 209



Protanomaly

75, 80, 231



Deuteranomaly

119, 83, 201



Tritanomaly

198, 59, 133

Monochromacy



Original Color

206, 18, 209



Achromatopsia

96, 96, 96



Achromatomaly

136, 68, 137

CSS Examples

Text

The CSS property to change the color of the text to RGB 206, 18, 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(206, 18, 209)` looks like.

```
.text, #text, p{  
    color:rgb(206, 18, 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(206, 18, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 18, 209) }
```

Border

The CSS property to change the border of an element to RGB 206, 18, 209 is called "border". The border property can be set on classes, ids or directly on the HTML element.

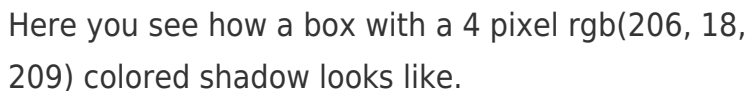
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 18, 209) }
```

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

```
.border{ border-color:rgb(206, 18, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 18, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 18, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 18, 209); box-shadow:4px 4px 4px 4px rgb(206, 18, 209) }
```

Background

The CSS property to change the background color of an element to RGB 206, 18, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 18, 209) }
```

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

```
.background{ background-color: rgb(206, 18,  
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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