

Converting Colors

RGB(200, 28, 206)

Have a look what the booklet for
RGB(200, 28, 206) contains.

RGB(200, 28, 206)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(200, 28, 206)

Conversions

Conversions Part 1

Format	Color
Hex	C81CCE
RGB	200, 28, 206
RGB Percent	78%, 11%, 81%
CMY	0.2157, 0.8902, 0.1922
CMYK	0.03, 0.86, 0.00, 0.19
HSL	298°, 76%, 46%
HSV	298°, 86%, 81%
XYZ	35.3752, 17.5661, 59.9186
YIQ	99.7200, 45.3740, 91.8220

Conversions

Conversions Part 2

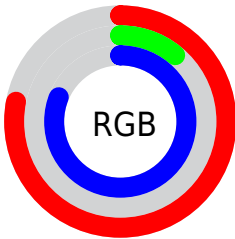
Format	Color
R_{YB}	200, 28, 206
Decimal	13114574
CIE _{Lab}	48.97, 79.63, -51.88
CIE _{LCh}	49, 95.046, 326.914
Yxy	17.5661, 0.3134, 0.1556
Android (android.graphics.Color)	4291304654 (0xFFC81CCE)
YUV	99.7200, 52.3960, 87.9456
Hunter-Lab	41.9119, 77.3149, -55.4245

Details

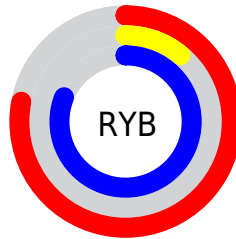
The RGB color **200, 28, 206** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **34, 206, 28**, and the grayscale version is **99, 99, 99**.

A 20% lighter version of the original color is **255, 100, 255**, and **141, 0, 151** is the 20% darker color. If you saturate the color by 10%, you get **199, 7, 206**, and if you desaturate by 10%, it is **201, 49, 206**.

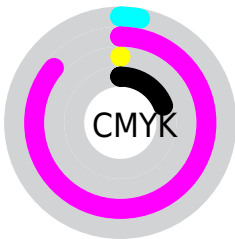
Distribution



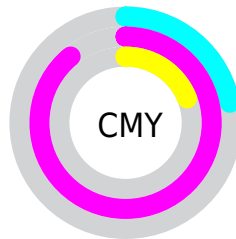
- Red (78%)
- Green (11%)
- Blue (81%)



- Red (78%)
- Yellow (11%)
- Blue (81%)



- Cyan (3%)
- Magenta (86%)
- Yellow (0%)
- Black (19%)






















- Cyan (22%)
- Magenta (89%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 200, 28, 206 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 200, 28, 206 by changing the saturation by 10% instead.

 200, 28, 206	 200, 28, 206
 255, 255, 255	 170, 0, 178
 255, 100, 255	 141, 0, 151
 255, 130, 255	 112, 0, 124
 255, 160, 255	 84, 0, 99
 255, 190, 255	 58, 0, 74
 255, 219, 255	 26, 0, 50
 255, 250, 255	 0, 2, 28
	 0, 0, 0
 200, 28, 206	 200, 28, 206

■ 199, 7, 206

■ 201, 49, 206

■ 199, 0, 206

■ 201, 69, 206

■ 202, 90, 206

■ 203, 110, 206

■ 203, 131, 206

■ 204, 152, 206

■ 205, 172, 206

■ 206, 193, 206

■ 206, 213, 206

Harmonies

Analogous

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



59, 99, 255



200, 28, 206



246, 0, 128

Triad

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



200, 28, 206



149, 111, 0



0, 148, 188

Complementary

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



200, 28, 206



34, 206, 28

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, 147, 105



200, 28, 206



68, 132, 0

Square

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



200, 28, 206



208, 69, 0



0, 142, 0



0, 145, 253

Rectangle

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



200, 28, 206



249, 0, 76



0, 142, 0



0, 148, 162

Sweetspot

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



200, 28, 206



253, 189, 255



28, 37, 206



126, 88, 128



0, 0, 0



128, 128, 128

Same Dimension

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



200, 28, 206



246, 0, 255



206, 28, 126



102, 92, 102



160, 0, 166



37, 0, 38

Inverse Universe

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



206, 28, 34



255, 0, 9



28, 206, 108



102, 92, 92



166, 0, 6



38, 0, 1

Previews

White Background



This preview shows how the RGB color 200, 28, 206 looks on a white background.

Color Contrast Check

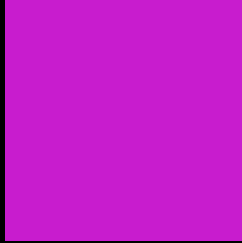
Large Text (above 18pt) WCAG AA ✓ Pass

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 200, 28, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

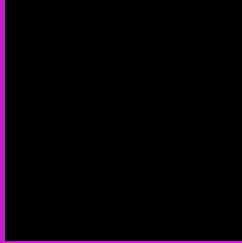
Any Text WCAG AA ✓ Pass

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 200, 28, 206 Background



This preview shows how black text looks on a background with the RGB color 200, 28, 206.

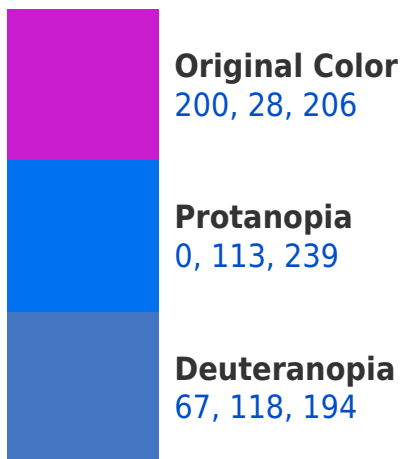


This preview shows how white text looks on a background with the RGB color 200, 28, 206.

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

187, 84, 89

Trichromacy



Original Color

200, 28, 206



Protanomaly

73, 82, 227



Deuteranomaly

115, 85, 198



Tritanomaly

192, 64, 132

Monochromacy



Original Color

200, 28, 206



Achromatopsia

100, 100, 100



Achromatomaly

136, 74, 139

CSS Examples

Text

The CSS property to change the color of the text to RGB 200, 28, 206 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(200, 28, 206)` looks like.

```
.text, #text, p{  
    color:rgb(200, 28, 206)  
}
```

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(200, 28, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 28, 206) }
```

Border

The CSS property to change the border of an element to RGB 200, 28, 206 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(200, 28, 206) }
```

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

```
.border{ border-color:rgb(200, 28, 206) }
```

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

Here you see how a box with a 4 pixel rgb(200, 28, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 28, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 28, 206);  
box-shadow:4px 4px 4px 4px rgb(200, 28,  
206) }
```

Background

The CSS property to change the background color of an element to RGB 200, 28, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 28, 206) }
```

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

```
.background{ background-color: rgb(200, 28,  
206) }
```

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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