

Converting Colors

RGB(205, 0, 250)

Have a look what the booklet for
RGB(205, 0, 250) contains.

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Color

RGB(205, 0, 250)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | CD00FA |
| RGB | 205, 0, 250 |
| RGB Percent | 80%, 0%, 98% |
| CMY | 0.1961, 1.0000, 0.0196 |
| CMYK | 0.18, 1.00, 0.00, 0.02 |
| HSL | 289°, 100%, 49% |
| HSV | 289°, 100%, 98% |
| XYZ | 42.4322, 19.8813, 92.0435 |
| YIQ | 89.7950, 41.9300, 121.2100 |

Conversions

Conversions Part 2

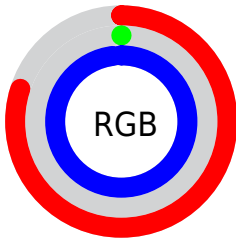
| Format | Color |
|-------------------------------------|--|
| RYB | 205, 0, 250 |
| Decimal | 13435130 |
| CIELab | 51.70, 90.32, -72.38 |
| CIELCh | 52, 115.741, 321.292 |
| Yxy | 19.8813, 0.2749, 0.1288 |
| Android (android.graphics.Color) | 4291625210 (0xFFCD00FA) |
| YUV | 89.7950, 78.9811, 101.0348 |
| Hunter-Lab | 44.5884, 91.8382, -91.1800 |

Details

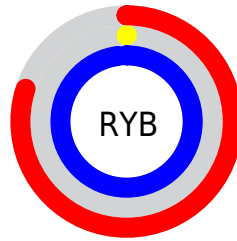
The RGB color **205, 0, 250** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light saturated magenta. A complement of this color would be **45, 250, 0**, and the grayscale version is **89, 89, 89**.

A 20% lighter version of the original color is **255, 96, 255**, and **144, 0, 192** is the 20% darker color. If you saturate the color by 10%, you get **205, 0, 250**, and if you desaturate by 10%, it is **210, 25, 250**.

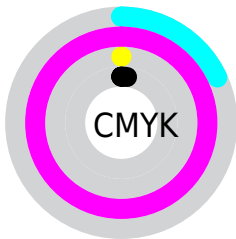
Distribution



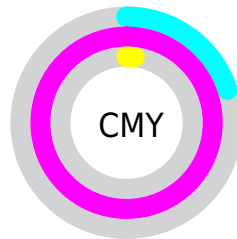
- Red (80%)
- Green (0%)
- Blue (98%)



- Red (80%)
- Yellow (0%)
- Blue (98%)



- Cyan (18%)
- Magenta (100%)
- Yellow (0%)
- Black (2%)



- Cyan (20%)
- Magenta (100%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 0, 250 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 205, 0, 250 by changing the saturation by 10% instead.



205, 0, 250



205, 0, 250

255, 255, 255



175, 0, 221



255, 96, 255



144, 0, 192



255, 128, 255



114, 0, 164



255, 158, 255



84, 0, 137



255, 188, 255



54, 0, 111



255, 219, 255



12, 0, 85



255, 249, 255



0, 0, 61




0, 2, 38




0, 1, 15

 205, 0, 250


 210, 25, 250

 214, 50, 250

 219, 75, 250

 223, 100, 250

 228, 125, 250

 232, 150, 250

 237, 175, 250

 241, 200, 250

 245, 225, 250

Harmonies

Analogous

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



0, 112, 255



205, 0, 250



255, 0, 157

Triad

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



205, 0, 250



174, 110, 0



0, 160, 194

Complementary

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



205, 0, 250



45, 250, 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, 157, 90



205, 0, 250



79, 139, 0

Square

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



205, 0, 250



242, 35, 0



0, 152, 0



0, 159, 255

Rectangle

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



205, 0, 250



255, 0, 92



0, 152, 0



0, 159, 160

Sweetspot

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



205, 0, 250



241, 179, 255



0, 46, 250



119, 82, 128



0, 0, 0



128, 128, 128

Same Dimension

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



205, 0, 250



209, 0, 255



250, 0, 171



123, 112, 125



155, 0, 189



50, 0, 61

Inverse Universe

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



250, 0, 45



255, 0, 46



0, 250, 79



125, 112, 115



189, 0, 34



61, 0, 11

Previews

White Background



This preview shows how the RGB color 205, 0, 250 looks on a white background.

Color Contrast Check

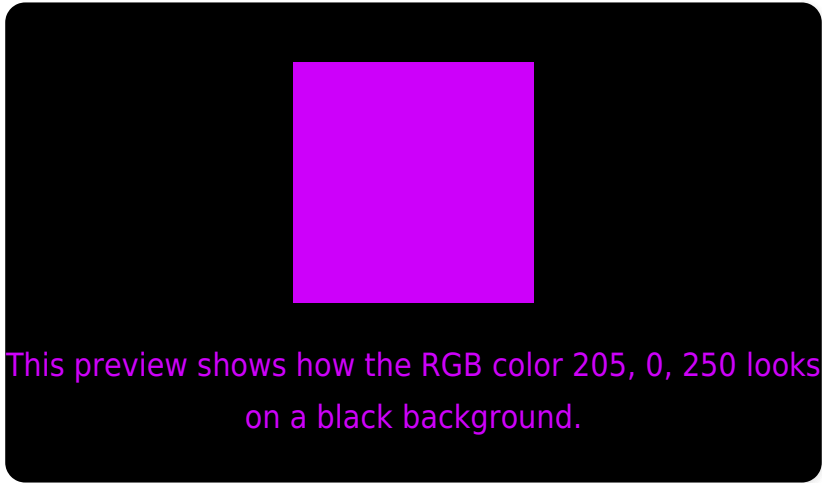
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

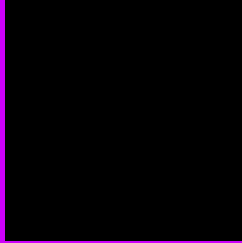
Any Text WCAG AA ✓ Pass

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 205, 0, 250 Background



This preview shows how black text looks on a background with the RGB color 205, 0, 250.



This preview shows how white text looks on a background with the RGB color 205, 0, 250.

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

205, 0, 250

Protanopia

0, 120, 253

Deuteranopia

0, 127, 223



Tritanopia
185, 98, 105

Trichromacy



Original Color

205, 0, 250



Protanomaly

75, 76, 252



Deuteranomaly

75, 81, 233



Tritanomaly

192, 62, 158

Monochromacy



Original Color

205, 0, 250



Achromatopsia

90, 90, 90



Achromatomaly

132, 57, 148

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 0, 250 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(205, 0, 250)` looks like.

```
.text, #text, p{  
    color:rgb(205, 0, 250)  
}
```

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(205, 0, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 0, 250) }
```

Border

The CSS property to change the border of an element to RGB 205, 0, 250 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(205, 0, 250) }
```

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

```
.border{ border-color:rgb(205, 0, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 0, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 0, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 0, 250);  
box-shadow:4px 4px 4px 4px rgb(205, 0,  
250) }
```

Background

The CSS property to change the background color of an element to RGB 205, 0, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 0, 250) }
```

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

```
.background{ background-color: rgb(205, 0,  
250) }
```

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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