

Converting Colors

RGB(211, 0, 245)

Have a look what the booklet for
RGB(211, 0, 245) contains.

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Color

RGB(211, 0, 245)

Conversions

Conversions Part 1

Format	Color
Hex	D300F5
RGB	211, 0, 245
RGB Percent	83%, 0%, 96%
CMY	0.1725, 1.0000, 0.0392
CMYK	0.14, 1.00, 0.00, 0.04
HSL	292°, 100%, 48%
HSV	292°, 100%, 96%
XYZ	43.3454, 20.4415, 88.0472
YIQ	91.0190, 47.1110, 120.9270

Conversions

Conversions Part 2

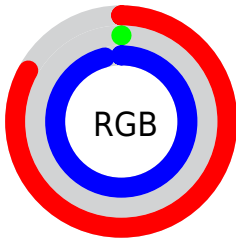
Format	Color
R_{YB}	211, 0, 245
Decimal	13828341
CIE _{Lab}	52.33, 90.32, -68.51
CIE _{LCh}	52, 113.370, 322.818
Yxy	20.4415, 0.2855, 0.1346
Android (android.graphics.Color)	4292018421 (0xFFD300F5)
YUV	91.0190, 75.9126, 105.2233
Hunter-Lab	45.2122, 92.0083, -83.8140

Details

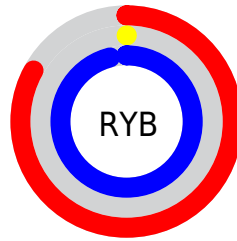
The RGB color **211, 0, 245** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light saturated magenta. A complement of this color would be **34, 245, 0**, and the grayscale version is **90, 90, 90**.

A 20% lighter version of the original color is **255, 97, 255**, and **151, 0, 188** is the 20% darker color. If you saturate the color by 10%, you get **211, 0, 245**, and if you desaturate by 10%, it is **214, 24, 245**.

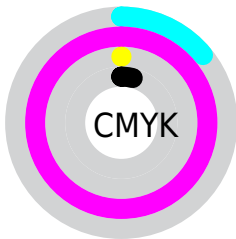
Distribution



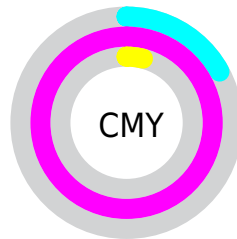
- Red (83%)
- Green (0%)
- Blue (96%)



- Red (83%)
- Yellow (0%)
- Blue (96%)



- Cyan (14%)
- Magenta (100%)
- Yellow (0%)
- Black (4%)






















- Cyan (17%)
- Magenta (100%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the RGB color 211, 0, 245 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 211, 0, 245 by changing the saturation by 10% instead.

 211, 0, 245	 211, 0, 245
 255, 255, 255	 181, 0, 216
 255, 97, 255	 151, 0, 188
 255, 128, 255	 121, 0, 160
 255, 159, 255	 91, 0, 133
 255, 189, 255	 62, 0, 107
 255, 220, 255	 27, 0, 81
 255, 250, 255	 0, 0, 57
	 0, 2, 34
	 0, 0, 9

 211, 0, 245


 214, 24, 245

 218, 49, 245

 221, 74, 245

 225, 98, 245

 228, 123, 245

 231, 147, 245

 235, 171, 245

 238, 196, 245

 242, 221, 245

Harmonies

Analogous

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



0, 111, 255



211, 0, 245



255, 0, 153

Triad

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



211, 0, 245



172, 113, 0



0, 161, 199

Complementary

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



211, 0, 245



34, 245, 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, 159, 98



211, 0, 245



77, 141, 0

Square

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



211, 0, 245



239, 49, 0



0, 154, 0



0, 160, 255

Rectangle

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



211, 0, 245



255, 0, 89



0, 154, 0



0, 161, 166

Sweetspot

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



211, 0, 245



244, 179, 255



0, 37, 245



121, 82, 128



0, 0, 0



128, 128, 128

Same Dimension

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



211, 0, 245



220, 0, 255



245, 0, 159



121, 110, 122



160, 0, 186



51, 0, 59

Inverse Universe

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



245, 0, 34



255, 0, 35



0, 245, 86



122, 110, 112



186, 0, 26



59, 0, 8

Previews

White Background



This preview shows how the RGB color 211, 0, 245 looks on a white background.

Color Contrast Check

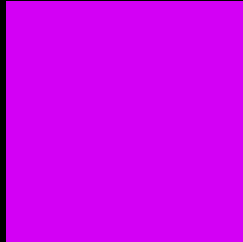
Large Text (above 18pt) WCAG AA ✓ Pass

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 211, 0, 245 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 211, 0, 245 Background



This preview shows how black text looks on a background with the RGB color 211, 0, 245.



This preview shows how white text looks on a background with the RGB color 211, 0, 245.

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

211, 0, 245

Protanopia

22, 122, 255

Deuteranopia

0, 128, 227



Tritanopia
192, 96, 103

Trichromacy



Original Color

211, 0, 245



Protanomaly

91, 78, 251



Deuteranomaly

77, 81, 234



Tritanomaly

199, 61, 155

Monochromacy



Original Color

211, 0, 245



Achromatopsia

91, 91, 91



Achromatomaly

135, 58, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 211, 0, 245 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(211, 0, 245)` looks like.

```
.text, #text, p{  
    color:rgb(211, 0, 245)  
}
```

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(211, 0, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 0, 245) }
```

Border

The CSS property to change the border of an element to RGB 211, 0, 245 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(211, 0, 245) }
```

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

```
.border{ border-color:rgb(211, 0, 245) }
```

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

Here you see how a box with a 4 pixel rgb(211, 0, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 0, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 0, 245);  
box-shadow:4px 4px 4px 4px rgb(211, 0,  
245) }
```

Background

The CSS property to change the background color of an element to RGB 211, 0, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 0, 245) }
```

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

```
.background{ background-color: rgb(211, 0,  
245) }
```

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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