

Converting Colors

RGB(199, 0, 242)

Have a look what the booklet for
RGB(199, 0, 242) contains.

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Color

RGB(199, 0, 242)

Conversions

Conversions Part 1

Format	Color
Hex	C700F2
RGB	199, 0, 242
RGB Percent	78%, 0%, 95%
CMY	0.2196, 1.0000, 0.0510
CMYK	0.18, 1.00, 0.00, 0.05
HSL	289°, 100%, 47%
HSV	289°, 100%, 95%
XYZ	39.5802, 18.5529, 85.4994
YIQ	87.0890, 40.9220, 117.4500

Conversions

Conversions Part 2

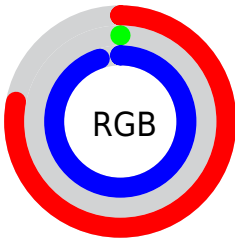
Format	Color
R_{YB}	199, 0, 242
Decimal	13041906
CIE _{Lab}	50.16, 88.21, -70.45
CIE _{LCh}	50, 112.885, 321.388
Yxy	18.5529, 0.2756, 0.1292
Android (android.graphics.Color)	4291231986 (0xFFC700F2)
YUV	87.0890, 76.3711, 98.1459
Hunter-Lab	43.0731, 88.6471, -87.5385

Details

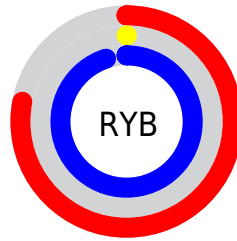
The RGB color **199, 0, 242** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light saturated magenta. A complement of this color would be **43, 242, 0**, and the grayscale version is **86, 86, 86**.

A 20% lighter version of the original color is **255, 94, 255**, and **139, 0, 185** is the 20% darker color. If you saturate the color by 10%, you get **199, 0, 242**, and if you desaturate by 10%, it is **203, 24, 242**.

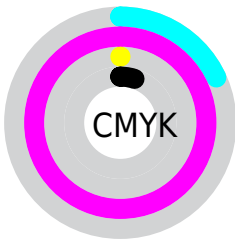
Distribution



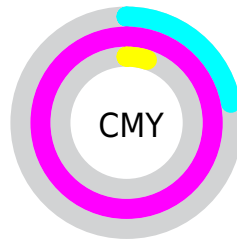
- Red (78%)
- Green (0%)
- Blue (95%)



- Red (78%)
- Yellow (0%)
- Blue (95%)



- Cyan (18%)
- Magenta (100%)
- Yellow (0%)
- Black (5%)



- Cyan (22%)
- Magenta (100%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 0, 242 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 199, 0, 242 by changing the saturation by 10% instead.



199, 0, 242



199, 0, 242

255, 255, 255



169, 0, 213



255, 94, 255



139, 0, 185



255, 126, 255



109, 0, 157



255, 156, 255



79, 0, 130



255, 186, 255



50, 0, 104



255, 216, 255



4, 0, 79



255, 247, 255



0, 3, 54



0, 2, 32



0, 0, 4

■ 199, 0, 242

■ 203, 24, 242

■ 208, 48, 242

■ 212, 73, 242

■ 216, 97, 242

■ 220, 121, 242

■ 225, 145, 242

■ 229, 169, 242

■ 233, 194, 242

■ 238, 218, 242

Harmonies

Analogous

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



0, 109, 255



199, 0, 242



255, 0, 152

Triad

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



199, 0, 242



168, 106, 0



0, 155, 188

Complementary

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



199, 0, 242



43, 242, 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, 152, 87



199, 0, 242



76, 135, 0

Square

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



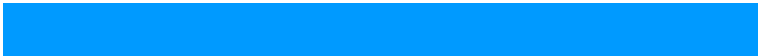
199, 0, 242



234, 35, 0



0, 147, 0



0, 154, 255

Rectangle

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



199, 0, 242



255, 0, 89



0, 147, 0



0, 154, 155

Sweetspot

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



199, 0, 242



241, 179, 255



0, 44, 242



119, 82, 128



0, 0, 0



128, 128, 128

Same Dimension

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



199, 0, 242



210, 0, 255



242, 0, 165



118, 108, 120



151, 0, 184



46, 0, 56

Inverse Universe

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



242, 0, 43



255, 0, 45



0, 242, 77



120, 108, 110



184, 0, 33



56, 0, 10

Previews

White Background



This preview shows how the RGB color 199, 0, 242 looks on a white background.

Color Contrast Check

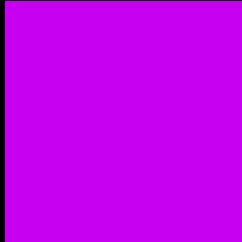
Large Text (above 18pt) WCAG AA ✓ Pass

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 199, 0, 242 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 199, 0, 242 Background



This preview shows how black text looks on a background with the RGB color 199, 0, 242.



This preview shows how white text looks on a background with the RGB color 199, 0, 242.

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


199, 0, 242

Protanopia

0, 117, 246

Deuteranopia

0, 123, 216



Tritanopia
180, 95, 102

Trichromacy



Original Color

199, 0, 242



Protanomaly

72, 74, 245



Deuteranomaly

72, 78, 225



Tritanomaly

187, 60, 153

Monochromacy



Original Color

199, 0, 242



Achromatopsia

87, 87, 87



Achromatomaly

128, 55, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 0, 242 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(199, 0, 242)` looks like.

```
.text, #text, p{  
    color:rgb(199, 0, 242)  
}
```

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(199, 0, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 0, 242) }
```

Border

The CSS property to change the border of an element to RGB 199, 0, 242 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(199, 0, 242) }
```

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

```
.border{ border-color:rgb(199, 0, 242) }
```

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

Here you see how a box with a 4 pixel rgb(199, 0, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 0, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 0, 242);  
box-shadow:4px 4px 4px 4px rgb(199, 0,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 199, 0, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 0, 242) }
```

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

```
.background{ background-color: rgb(199, 0,  
242) }
```

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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