

Converting Colors

RGB(199, 6, 252)

Have a look what the booklet for
RGB(199, 6, 252) contains.

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Color

RGB(199, 6, 252)

Conversions

Conversions Part 1

Format	Color
Hex	C706FC
RGB	199, 6, 252
RGB Percent	78%, 2%, 99%
CMY	0.2196, 0.9765, 0.0118
CMYK	0.21, 0.98, 0.00, 0.01
HSL	287°, 98%, 51%
HSV	287°, 98%, 99%
XYZ	41.1890, 19.3006, 93.6500
YIQ	91.7510, 36.0620, 117.4220

Conversions

Conversions Part 2

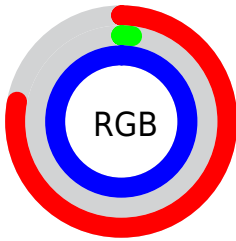
Format	Color
RYB	199, 6, 252
Decimal	13043452
CIELab	51.04, 89.42, -74.62
CIELCh	51, 116.463, 320.155
Yxy	19.3006, 0.2672, 0.1252
Android (android.graphics.Color)	4291233532 (0xFFC706FC)
YUV	91.7510, 79.0028, 94.0574
Hunter-Lab	43.9325, 90.4712, -95.6345

Details

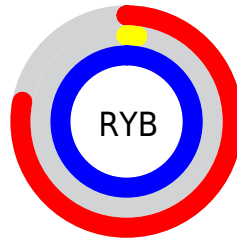
The RGB color **199, 6, 252** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light saturated magenta. A complement of this color would be **59, 252, 6**, and the grayscale version is **91, 91, 91**.

A 20% lighter version of the original color is **255, 96, 255**, and **138, 0, 194** is the 20% darker color. If you saturate the color by 10%, you get **198, 0, 252**, and if you desaturate by 10%, it is **204, 31, 252**.

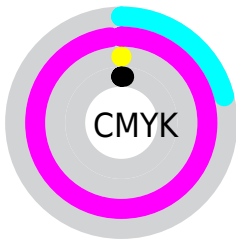
Distribution



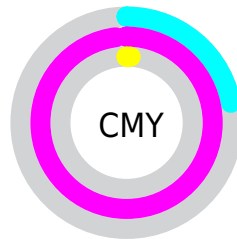
- Red (78%)
- Green (2%)
- Blue (99%)



- Red (78%)
- Yellow (2%)
- Blue (99%)



- Cyan (21%)
- Magenta (98%)
- Yellow (0%)
- Black (1%)



- Cyan (22%)
- Magenta (98%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 6, 252 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, 6, 252 by changing the saturation by 10% instead.



199, 6, 252



199, 6, 252

255, 255, 255



169, 0, 223



255, 96, 255



138, 0, 194



255, 127, 255



108, 0, 166



255, 158, 255



77, 0, 139



255, 188, 255



47, 0, 112



255, 218, 255



0, 0, 87



255, 249, 255



0, 0, 62



0, 3, 39



0, 1, 17

■ 199, 6, 252

■ 199, 6, 252

■ 198, 0, 252

■ 204, 31, 252

■ 210, 56, 252

■ 215, 82, 252

■ 221, 107, 252

■ 226, 132, 252

■ 232, 157, 252

■ 237, 182, 252

■ 242, 208, 252

■ 248, 233, 252

Harmonies

Analogous

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



0, 113, 255



199, 6, 252



255, 0, 159

Triad

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



199, 6, 252



175, 106, 0



0, 158, 189

Complementary

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



199, 6, 252



59, 252, 6

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, 155, 84



199, 6, 252



81, 137, 0

Square

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



199, 6, 252



242, 22, 0



0, 150, 0



0, 157, 255

Rectangle

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



199, 6, 252



255, 0, 94



0, 150, 0



0, 157, 155

Sweetspot

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



199, 6, 252



239, 181, 255



6, 59, 252



118, 83, 128



0, 0, 0



128, 128, 128

Same Dimension

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



199, 6, 252



200, 0, 255



252, 6, 182



122, 112, 125



148, 0, 189



48, 0, 61

Inverse Universe

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



252, 6, 59



255, 0, 55



6, 252, 76



125, 112, 115



189, 0, 41



61, 0, 13

Previews

White Background



This preview shows how the RGB color 199, 6, 252 looks on a white background.

Color Contrast Check

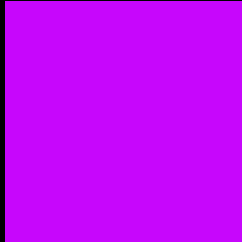
Large Text (above 18pt) WCAG AA ✓ Pass

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, 6, 252 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, 6, 252 Background



This preview shows how black text looks on a background with the RGB color 199, 6, 252.



This preview shows how white text looks on a background with the RGB color 199, 6, 252.

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, 6, 252

Protanopia
0, 118, 249

Deuteranopia
0, 125, 218



Tritanopia
178, 99, 106

Trichromacy



Original Color

199, 6, 252



Protanomaly

72, 77, 250



Deuteranomaly

72, 82, 230



Tritanomaly

186, 65, 159

Monochromacy



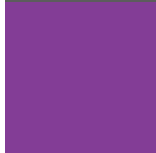
Original Color

199, 6, 252



Achromatopsia

92, 92, 92



Achromatomaly

131, 61, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 6, 252 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, 6, 252)` looks like.

```
.text, #text, p{  
    color:rgb(199, 6, 252)  
}
```

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, 6, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 6, 252) }
```

Border

The CSS property to change the border of an element to RGB 199, 6, 252 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, 6, 252) }
```

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

```
.border{ border-color:rgb(199, 6, 252) }
```

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

Here you see how a box with a 4 pixel rgb(199, 6, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 6, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 6, 252);  
box-shadow:4px 4px 4px 4px rgb(199, 6,  
252) }
```

Background

The CSS property to change the background color of an element to RGB 199, 6, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 6, 252) }
```

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

```
.background{ background-color: rgb(199, 6,  
252) }
```

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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