

Converting Colors

RGB(199, 60, 216)

Have a look what the booklet for
RGB(199, 60, 216) contains.

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Color

RGB(199, 60, 216)

Conversions

Conversions Part 1

Format	Color
Hex	C73CD8
RGB	199, 60, 216
RGB Percent	78%, 24%, 85%
CMY	0.2196, 0.7647, 0.1529
CMYK	0.08, 0.72, 0.00, 0.15
HSL	293°, 67%, 54%
HSV	293°, 72%, 85%
XYZ	37.5637, 20.3317, 66.9103
YIQ	119.3450, 32.7680, 77.9840

Conversions

Conversions Part 2

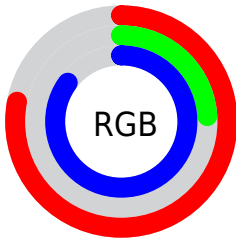
Format	Color
RYB	199, 60, 216
Decimal	13057240
CIELab	52.21, 72.92, -52.43
CIELCh	52, 89.812, 324.282
Yxy	20.3317, 0.3010, 0.1629
Android (android.graphics.Color)	4291247320 (0xFFC73CD8)
YUV	119.3450, 47.6509, 69.8574
Hunter-Lab	45.0907, 69.7944, -56.4173

Details

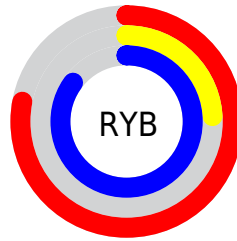
The RGB color **199, 60, 216** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **77, 216, 60**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **255, 120, 255**, and **141, 0, 160** is the 20% darker color. If you saturate the color by 10%, you get **197, 38, 216**, and if you desaturate by 10%, it is **201, 82, 216**.

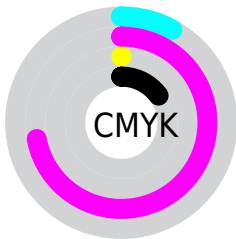
Distribution



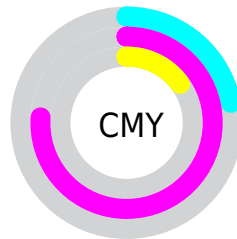
- Red (78%)
- Green (24%)
- Blue (85%)



- Red (78%)
- Yellow (24%)
- Blue (85%)



- Cyan (8%)
- Magenta (72%)
- Yellow (0%)
- Black (15%)




















- Cyan (22%)
- Magenta (76%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 60, 216 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, 60, 216 by changing the saturation by 10% instead.

 199, 60, 216	 199, 60, 216
 255, 255, 255	 170, 20, 188
 255, 120, 255	 141, 0, 160
 255, 149, 255	 112, 0, 134
 255, 178, 255	 84, 0, 108
 255, 207, 255	 58, 0, 83
 255, 237, 255	 27, 0, 58
	 0, 2, 36
	 0, 0, 11
	 0, 0, 0

■ 199, 60, 216

■ 199, 60, 216

■ 197, 38, 216

■ 201, 82, 216

■ 194, 17, 216

■ 204, 103, 216

■ 192, 0, 216

■ 206, 125, 216

■ 208, 146, 216

■ 211, 168, 216

■ 213, 190, 216

■ 215, 211, 216

■ 218, 233, 216

■ 220, 254, 216

Harmonies

Analogous

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



58, 111, 255



199, 60, 216



248, 0, 143

Triad

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



199, 60, 216



164, 117, 0



0, 156, 186

Complementary

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



199, 60, 216



77, 216, 60

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, 107



199, 60, 216



90, 139, 0

Square

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



199, 60, 216



219, 78, 0



0, 150, 10



0, 153, 250

Rectangle

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



199, 60, 216



254, 0, 92



0, 150, 10



0, 156, 161

Sweetspot

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



199, 60, 216



249, 199, 255



60, 78, 216



124, 94, 128



0, 0, 0



128, 128, 128

Same Dimension

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



199, 60, 216



231, 33, 255



216, 60, 156



106, 96, 107



152, 0, 171



39, 0, 43

Inverse Universe

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



216, 60, 77



255, 33, 57



60, 216, 120



107, 96, 98



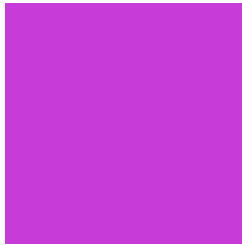
171, 0, 19



43, 0, 5

Previews

White Background



This preview shows how the RGB color 199, 60, 216 looks on a white background.

Color Contrast Check

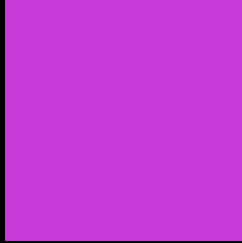
Large Text (above 18pt) WCAG AA ✓ Pass

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, 60, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

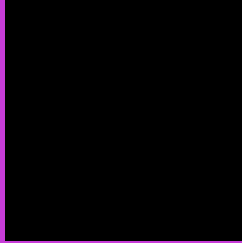
Any Text WCAG AA ✓ Pass

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, 60, 216 Background



This preview shows how black text looks on a background with the RGB color 199, 60, 216.

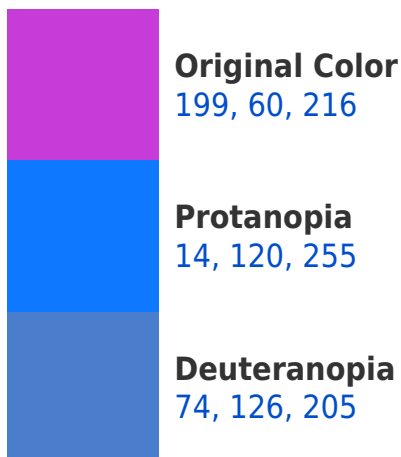


This preview shows how white text looks on a background with the RGB color 199, 60, 216.

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
185, 99, 106

Trichromacy



Original Color

199, 60, 216



Protanomaly

81, 98, 241



Deuteranomaly

119, 102, 209



Tritanomaly

190, 85, 146

Monochromacy



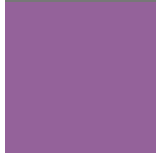
Original Color

199, 60, 216



Achromatopsia

119, 119, 119



Achromatomaly

148, 98, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 60, 216 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, 60, 216)` looks like.

```
.text, #text, p{  
    color:rgb(199, 60, 216)  
}
```

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, 60, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 60, 216) }
```

Border

The CSS property to change the border of an element to RGB 199, 60, 216 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, 60, 216) }
```

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

```
.border{ border-color:rgb(199, 60, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 60, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 60, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 60, 216);  
box-shadow:4px 4px 4px 4px rgb(199, 60,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 199, 60, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 60, 216) }
```

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

```
.background{ background-color: rgb(199, 60,  
216) }
```

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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