

# Converting Colors

Hex(C851C0)

Have a look what the booklet for  
Hex(C851C0) contains.

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# Color

**Hex(C851C0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C851C0
RGB	200, 81, 192
RGB Percent	78%, 32%, 75%
CMY	0.2157, 0.6824, 0.2471
CMYK	0.00, 0.59, 0.04, 0.22
HSL	304°, 52%, 55%
HSV	304°, 60%, 78%
XYZ	36.2763, 21.9700, 52.1978
YIQ	129.2350, 35.2930, 59.7490

# Conversions

## Conversions Part 2

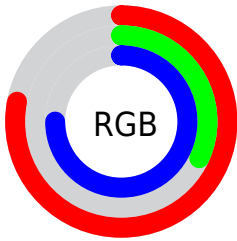
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	200, 81, 192
Decimal	13128128
CIE Lab	54.00, 60.98, -35.85
CIE LCh	54, 70.739, 329.552
Yxy	21.9700, 0.3285, 0.1989
Android (android.graphics.Color)	4291318208 (0xFFC851C0)
YUV	129.2350, 30.9431, 62.0609
Hunter-Lab	46.8722, 56.1222, -33.2161

# Details

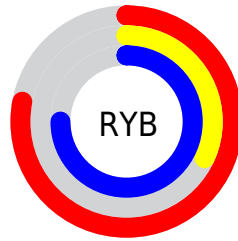
The Hex color **C851C0** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **51C859**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF89F9**, and **8F0F8A** is the 20% darker color. If you saturate the color by 10%, you get **C83DBF**, and if you desaturate by 10%, it is **C865C1**.

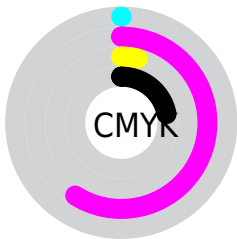
# Distribution



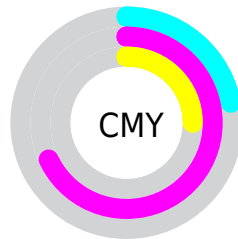
- Red (78%)
- Green (32%)
- Blue (75%)



- Red (78%)
- Yellow (32%)
- Blue (75%)



- Cyan (0%)
- Magenta (59%)
- Yellow (4%)
- Black (22%)



- Cyan (22%)
- Magenta (68%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C851C0 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 Hex color C851C0 by changing the saturation by 10% instead.



 C851C0

 C851C0

FFFFFF

 AB34A5

 FF89F9

 8F0F8A

 FFA5FF

 730070

 FFC1FF

 580057

 FFDEFF

 3E003F

 FFFCFF

 240029

 000112

 000000

 C851C0

 C851C0

 C83DBF

 C865C1

 C829BD

 C879C3

 C815BC

 C88DC4

 C801BB

 C8A1C5

 C800BB

 C8B5C7

 C8C9C8

 C8DDC9

 C8F1CB

 C8FFCC

# Harmonies

## Analogous

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



7971EC



C851C0



E93985

# Triad

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



C851C0



9C7E00



009CBC

# Complementary

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



C851C0



51C859

# 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.



009C7E



C851C0



608F00

# Square

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



C851C0



CB6507



00983E



0097EA

# Rectangle

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



C851C0



EB3F5C



00983E



009CA8



# Sweetspot

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



C851C0



FFD1FC



5951C8



80637E



000000



808080



# Same Dimension

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



C851C0



FF4AF3



C85185



635A63



A30098



240021



# Inverse Universe

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



C851C0



FF4AF3



51C894



635A63



A30098



240021



# Previews

## White Background



This preview shows how the Hex color C851C0 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

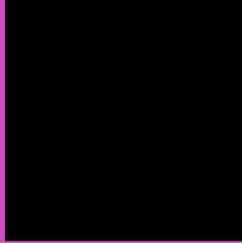
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C851C0 Background



This preview shows how black text looks on a background with the Hex color C851C0.

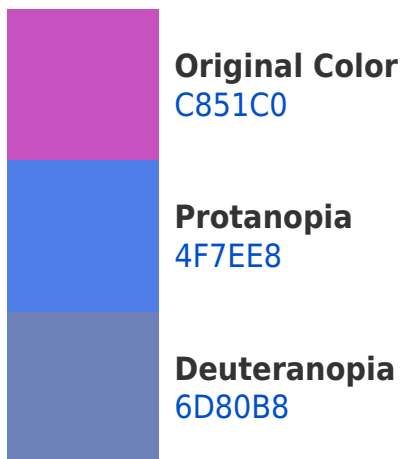



This preview shows how white text looks on a background with the Hex color C851C0.

# 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](#).

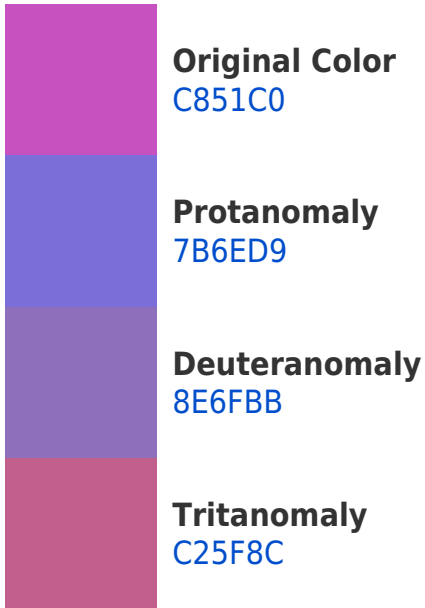
## Dichromacy





**Tritanopia**  
BF676F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C851C0 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 #C851C0 looks like.

```
.text, #text, p{  
    color:#C851C0  
}
```

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 #C851C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C851C0
}
```

## Border

The CSS property to change the border of an element to Hex C851C0 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
#C851C0 }
```

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

```
.border{ border-color:#C851C0 }
```

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

Here you see how a box with a 4 pixel #C851C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C851C0; -webkit-box-shadow:4px 4px  
4px 4px #C851C0; box-shadow:4px 4px 4px  
4px #C851C0 }
```

# Background

The CSS property to change the background color of an element to Hex C851C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C851C0 }
```

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

```
.background{ background-color:#C851C0 }
```

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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