

# Converting Colors

Hex(C291CF)

Have a look what the booklet for  
Hex(C291CF) contains.

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# **Color**

**Hex(C291CF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C291CF
RGB	194, 145, 207
RGB Percent	76%, 57%, 81%
CMY	0.2392, 0.4314, 0.1882
CMYK	0.06, 0.30, 0.00, 0.19
HSL	287°, 39%, 69%
HSV	287°, 30%, 81%
XYZ	43.6360, 36.2251, 63.7238
YIQ	166.7190, 9.3020, 29.6700

# Conversions

## Conversions Part 2

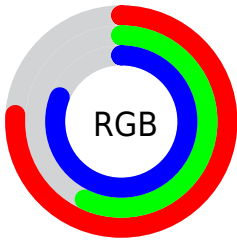
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 145, 207
Decimal	12751311
CIELab	66.69, 29.29, -24.72
CIELCh	67, 38.329, 319.836
Yxy	36.2251, 0.3039, 0.2523
Android (android.graphics.Color)	4290941391 (0xFFC291CF)
YUV	166.7190, 19.8585, 23.9254
Hunter-Lab	60.1873, 24.0853, -20.6426

# Details

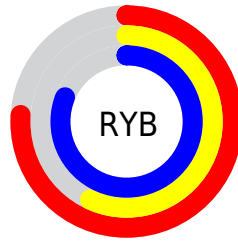
The Hex color **C291CF** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9ECF91**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FBC7FF**, and **8C5E98** is the 20% darker color. If you saturate the color by 10%, you get **BE7CCF**, and if you desaturate by 10%, it is **C6A6CF**.

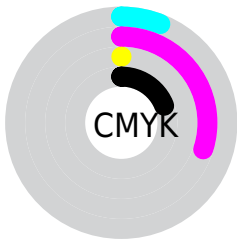
# Distribution



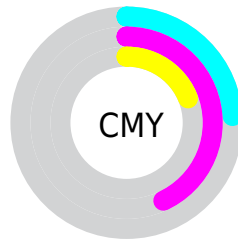
- Red (76%)
- Green (57%)
- Blue (81%)



- Red (76%)
- Yellow (57%)
- Blue (81%)



- Cyan (6%)
- Magenta (30%)
- Yellow (0%)
- Black (19%)



- Cyan (24%)
- Magenta (43%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C291CF 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 C291CF by changing the saturation by 10% instead.



 C291CF

 C291CF

FFFFFF

 A677B3

 FBC7FF

 8C5E98

 FFE4FF

 71457E

 582E65

 40174D

 280136

 100020

 000004

 000000

 C291CF

 C291CF

 BE7CCF

 C6A6CF

 B968CF

 CBBACF

 B553CF

 CFCFCF

 B13ECF

 D3E4CF

 AC29CF

 D8F9CF

 A815CF

 DCFFCF

 A400CF

 E0FFCF

 E5FFCF

 E9FFCF

# Harmonies

## Analogous

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



959EE3



C291CF



DD88AF

# Triad

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



C291CF



C39C5E



00B4B8

# Complementary

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



C291CF



9ECF91

# 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.



4BB495



C291CF



A2A760

# Square

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



C291CF



DB906F



7AAF75



00B1D6

# Rectangle

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



C291CF



E58798



7AAF75



21B5AD



# Sweetspot

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



C291CF



FAE8FF



919ECF



7D7180



000000



808080



# Same Dimension

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



C291CF



ECA3FF



CF91BD



665E69



8500A8



200029



# Inverse Universe

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



CF919E



FFA3B6



91CFA3



695E60



A80023



290009



# Previews

## White Background



This preview shows how the Hex color C291CF looks on a white background.

## Color Contrast Check

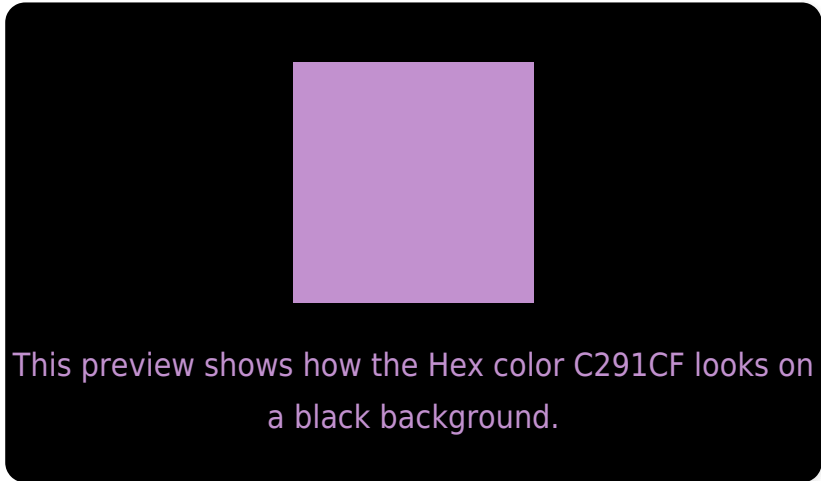
Large Text (above 18pt) WCAG AA × Fail

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

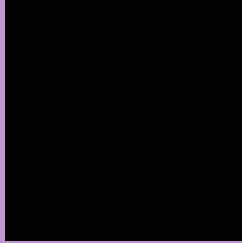
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C291CF Background



This preview shows how black text looks on a background with the Hex color C291CF.

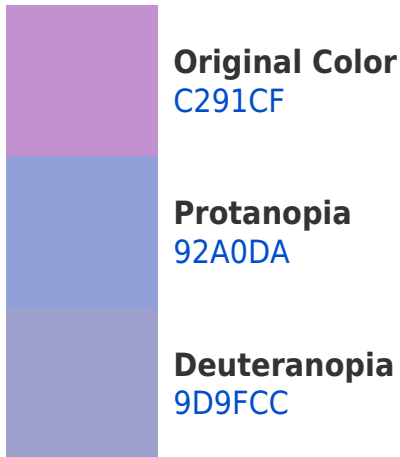



This preview shows how white text looks on a background with the Hex color C291CF.

# 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](#).

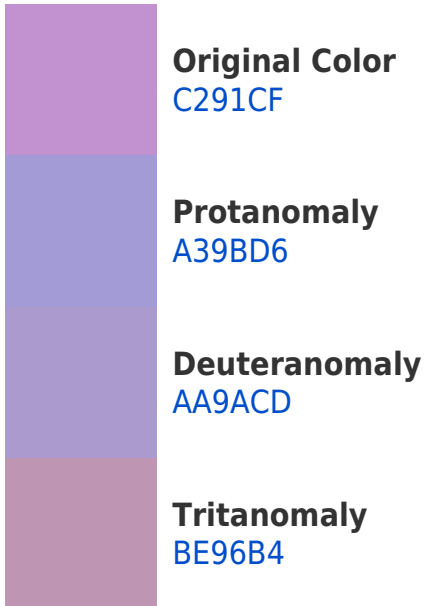
## Dichromacy



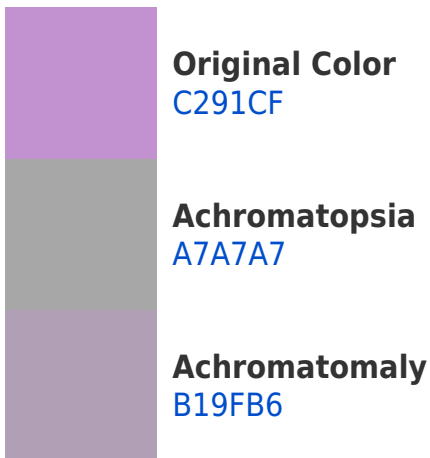


**Tritanopia**  
BC99A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C291CF 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 #C291CF looks like.

```
.text, #text, p{  
    color:#C291CF  
}
```

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 #C291CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C291CF
}
```

## Border

The CSS property to change the border of an element to Hex C291CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

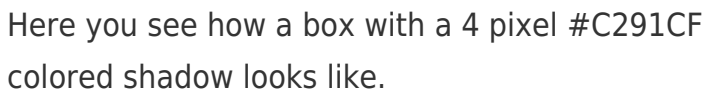
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C291CF }
```

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

```
.border{ border-color:#C291CF }
```

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



Here you see how a box with a 4 pixel `#C291CF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C291CF; -webkit-box-shadow:4px 4px  
4px 4px #C291CF; box-shadow:4px 4px 4px  
4px #C291CF }
```

# Background

The CSS property to change the background color of an element to Hex C291CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C291CF }
```

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

```
.background{ background-color:#C291CF }
```

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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