

# Converting Colors

Hex(C09FCF)

Have a look what the booklet for  
Hex(C09FCF) contains.

<b>Hex(C09FCF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(C09FCF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C09FCF
RGB	192, 159, 207
RGB Percent	75%, 62%, 81%
CMY	0.2471, 0.3765, 0.1882
CMYK	0.07, 0.23, 0.00, 0.19
HSL	281°, 33%, 72%
HSV	281°, 23%, 81%
XYZ	45.3988, 40.5077, 64.4575
YIQ	174.3390, 4.2600, 21.9240

# Conversions

## Conversions Part 2

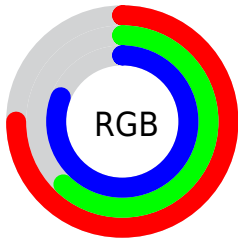
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 159, 207
Decimal	12623823
CIE <sub>Lab</sub>	69.83, 20.89, -19.95
CIE <sub>LCh</sub>	70, 28.886, 316.319
Yxy	40.5077, 0.3019, 0.2694
Android (android.graphics.Color)	4290813903 (0xFFC09FCF)
YUV	174.3390, 16.1019, 15.4887
Hunter-Lab	63.6457, 15.9452, -15.4943

# Details

The Hex color **C09FCF** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **AECF9F**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **F9D6FF**, and **8A6B99** is the 20% darker color. If you saturate the color by 10%, you get **BA8ACF**, and if you desaturate by 10%, it is **C6B4CF**.

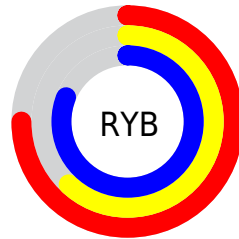
# Distribution



Red (75%)

Green (62%)

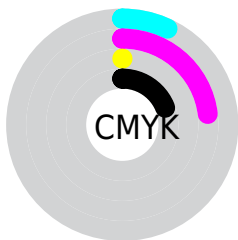
Blue (81%)



Red (75%)

Yellow (62%)

Blue (81%)

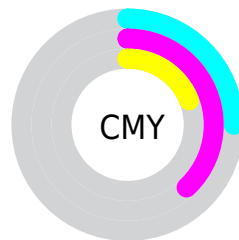


Cyan (7%)

Magenta (23%)

Yellow (0%)

Black (19%)



Cyan (25%)

Magenta (38%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C09FCF 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 C09FCF by changing the saturation by 10% instead.



 C09FCF

 C09FCF

FFFFFF

 A585B3

 F9D6FF

 8A6B99

 FFF2FF

 70537F

 573B65

 3F254D

 291036

 170021

 000006

 000000

 C09FCF

 C09FCF

 BA8ACF

 C6B4CF

 B376CF

 CDC8CF

 AD61CF

 D3DDCF

 A64CCF

 DAF2CF

 A037CF

 E0FFCF

 9923CF

 E7FFCF

 930ECF

 EDFFCF

 8E00CF

 F4FFCF

 FAFFCF

# Harmonies

## Analogous

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



9EA8DD



C09FCF



D798B8

# Triad

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



C09FCF



C8A578



5CB9B8

# Complementary

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



C09FCF



AECF9F

# 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.



73B89D



C09FCF



AFAE78

# Square

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



C09FCF



DA9C86



91B486



5CB7D0

# Rectangle

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



C09FCF



DE97A6



91B486



62B9AF



# Sweetspot

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



C09FCF



F9EDFF



9FAECF



7C7580



000000



808080



# Same Dimension

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



C09FCF



E9B8FF



CF9FC6



655E69



7400A8



1C0029



# Inverse Universe

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



CF9FAE



FFB8CE



9FCFA8



695E61



A80035

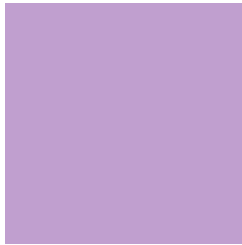


29000D



# Previews

## White Background



This preview shows how the Hex color C09FCF looks on a white background.

## Color Contrast Check

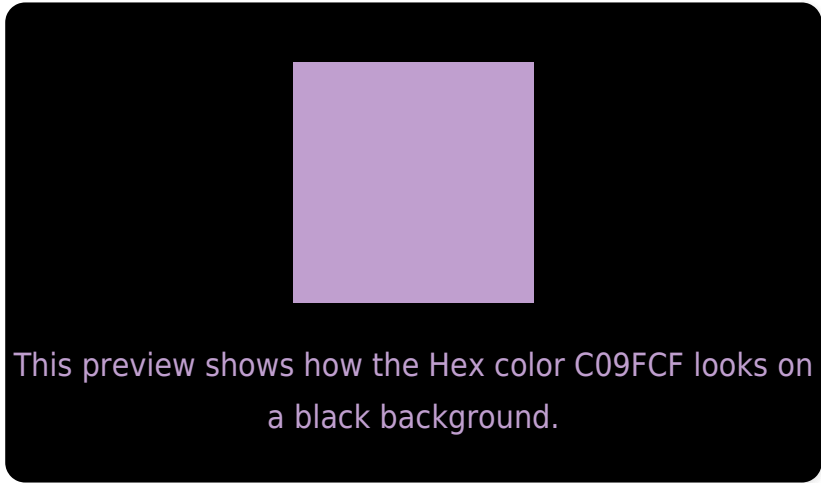
Large Text (above 18pt) WCAG AA × Fail

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

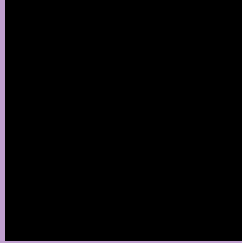
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C09FCF Background



This preview shows how black text looks on a background with the Hex color C09FCF.

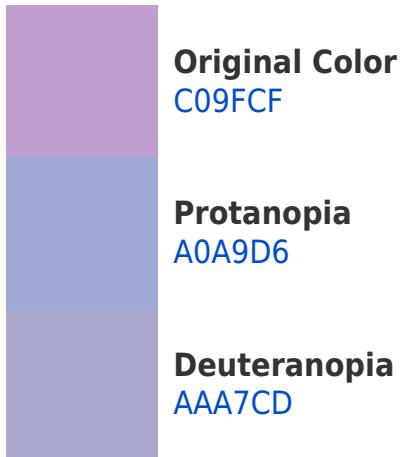


This preview shows how white text looks on a background with the Hex color C09FCF.

# 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





# Trichromacy



**Original Color**  
C09FCF

**Protanomaly**  
ACA5D3

**Deuteranomaly**  
B2A4CE

**Tritanomaly**  
BDA2BC

# Monochromacy



**Original Color**  
C09FCF

**Achromatopsia**  
AEAEAE

**Achromatomaly**  
B5A9BA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C09FCF 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 #C09FCF looks like.

```
.text, #text, p{  
    color:#C09FCF  
}
```

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 #C09FCF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C09FCF
}
```

## Border

The CSS property to change the border of an element to Hex C09FCF 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
#C09FCF }
```

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

```
.border{ border-color:#C09FCF }
```

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

Here you see how a box with a 4 pixel #C09FCF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C09FCF; -webkit-box-shadow:4px 4px  
4px 4px #C09FCF; box-shadow:4px 4px 4px  
4px #C09FCF }
```

# Background

The CSS property to change the background color of an element to Hex C09FCF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C09FCF }
```

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

```
.background{ background-color:#C09FCF }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor