

# Converting Colors

Hex(C09CEE)

Have a look what the booklet for  
Hex(C09CEE) contains.

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# **Color**

**Hex(C09CEE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C09CEE
RGB	192, 156, 238
RGB Percent	75%, 61%, 93%
CMY	0.2471, 0.3882, 0.0667
CMYK	0.19, 0.34, 0.00, 0.07
HSL	266°, 71%, 77%
HSV	266°, 34%, 93%
XYZ	49.0593, 41.1564, 86.2472
YIQ	176.1120, -4.8660, 33.1340

# Conversions

## Conversions Part 2

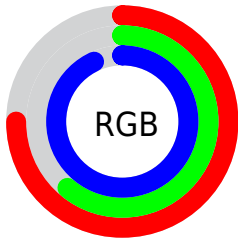
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">192, 156, 238</a>
Decimal	<a href="#">12623086</a>
<a href="#">CIELab</a>	<a href="#">70.29, 29.16, -36.28</a>
<a href="#">CIELCh</a>	<a href="#">70, 46.549, 308.788</a>
<a href="#">Yxy</a>	<a href="#">41.1564, 0.2780, 0.2332</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4290813166 (0xFFC09CEE)</a>
<a href="#">YUV</a>	<a href="#">176.1120, 30.5108, 13.9338</a>
<a href="#">Hunter-Lab</a>	<a href="#">64.1533, 24.2343, -34.8017</a>

# Details

The Hex color **C09CEE** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **CAEE9C**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **F9D3FF**, and **8968B6** is the 20% darker color. If you saturate the color by 10%, you get **B384EE**, and if you desaturate by 10%, it is **CDB4EE**.

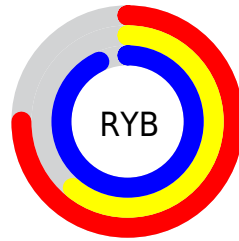
# Distribution



Red (75%)

Green (61%)

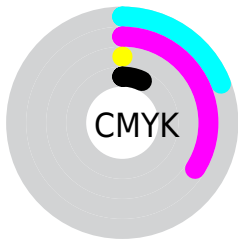
Blue (93%)



Red (75%)

Yellow (61%)

Blue (93%)

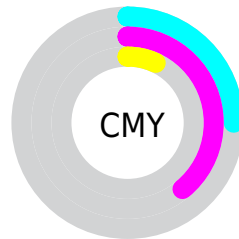


Cyan (19%)

Magenta (34%)

Yellow (0%)

Black (7%)



Cyan (25%)

Magenta (39%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C09CEE 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 C09CEE by changing the saturation by 10% instead.



 C09CEE

 C09CEE

FFFFFF

 A482D2

 F9D3FF

 8968B6

 FFEFFF

 6F509B

 553880

 3C2267

 230C4E

 110037

 000221

 000006

 C09CEE

 C09CEE

 B384EE

 CDB4EE

 A56CEE

 DBCCEE

 9855EE

 E8E3EE

 8B3DEE

 F5FBEE

 7D25EE

 FFFFEE

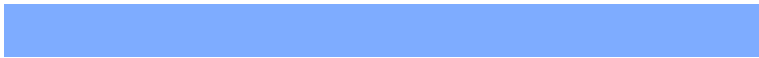
 700DEE

 6800EE

# Harmonies

## Analogous

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



7EACFF



C09CEE



EA8ECB

# Triad

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



C09CEE



DF9F5D



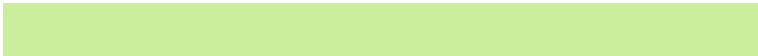
00C2B7

# Complementary

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



C09CEE



CAEE9C

# 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.



52BF8C



C09CEE



BAAD56

# Square

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



C09CEE



F79079



8CB968



00C0E0

# Rectangle

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



C09CEE



F989AF



8CB968



00C2A9



# Sweetspot

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



C09CEE



F1E6FF



9CCAEE



777080



000000



808080



# Same Dimension

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



C09CEE



C496FF



E99CEE



716C78



5100B8



190038



# Inverse Universe

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



EE9CCA



FF96D1



A1EE9C



786C73



B80067

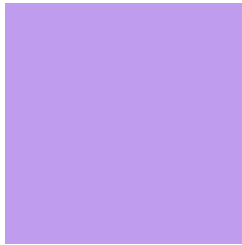


38001F



# Previews

## White Background



This preview shows how the Hex color C09CEE looks on a white background.

## Color Contrast Check

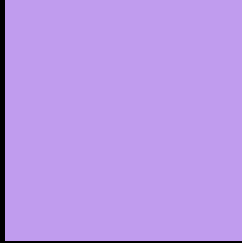
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color C09CEE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

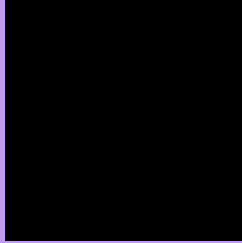
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C09CEE Background



This preview shows how black text looks on a background with the Hex color C09CEE.



This preview shows how white text looks on a background with the Hex color C09CEE.

# 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](#).

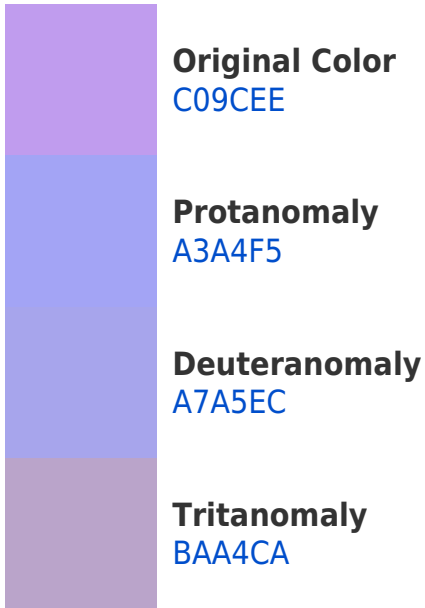
## Dichromacy



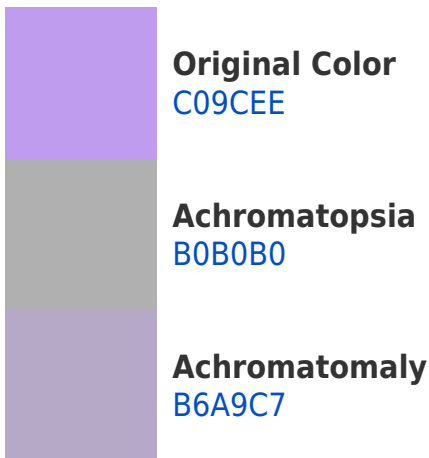


**Tritanopia**  
B6A8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C09CEE 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 #C09CEE looks like.

```
.text, #text, p{  
    color:#C09CEE  
}
```

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 #C09CEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C09CEE
}
```

## Border

The CSS property to change the border of an element to Hex C09CEE is called "border". The border property can be set on classes, ids or directly on the HTML element.

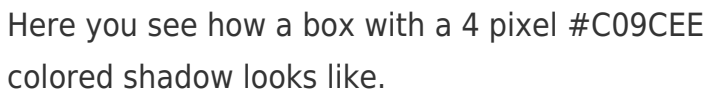
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C09CEE }
```

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

```
.border{ border-color:#C09CEE }
```

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



Here you see how a box with a 4 pixel `#C09CEE` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C09CEE; -webkit-box-shadow:4px 4px  
4px 4px #C09CEE; box-shadow:4px 4px 4px  
4px #C09CEE }
```

# Background

The CSS property to change the background color of an element to Hex C09CEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C09CEE }
```

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

```
.background{ background-color:#C09CEE }
```

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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