

# Converting Colors

Hex(C49EE7)

Have a look what the booklet for  
Hex(C49EE7) contains.

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# **Color**

**Hex(C49EE7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C49EE7
RGB	196, 158, 231
RGB Percent	77%, 62%, 91%
CMY	0.2314, 0.3804, 0.0941
CMYK	0.15, 0.32, 0.00, 0.09
HSL	271°, 60%, 76%
HSV	271°, 32%, 91%
XYZ	49.4156, 41.9590, 81.0957
YIQ	177.6840, -0.7850, 30.7590

# Conversions

## Conversions Part 2

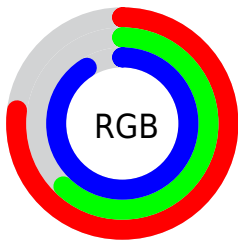
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">196, 158, 231</a>
Decimal	<a href="#">12885735</a>
CIELab	<a href="#">70.84, 27.73, -31.56</a>
CIELCh	<a href="#">71, 42.011, 311.299</a>
Yxy	<a href="#">41.9590, 0.2865, 0.2433</a>
Android (android.graphics.Color)	<a href="#">4291075815 (0xFFC49EE7)</a>
YUV	<a href="#">177.6840, 26.2848, 16.0631</a>
Hunter-Lab	<a href="#">64.7758, 22.8150, -28.8848</a>

# Details

The Hex color **C49EE7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **C1E79E**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FDD5FF**, and **8D6AAF** is the 20% darker color. If you saturate the color by 10%, you get **B987E7**, and if you desaturate by 10%, it is **CFB5E7**.

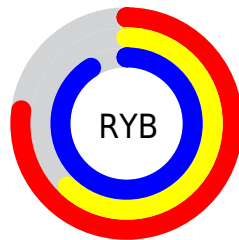
# Distribution



Red (77%)

Green (62%)

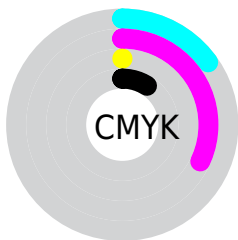
Blue (91%)



Red (77%)

Yellow (62%)

Blue (91%)

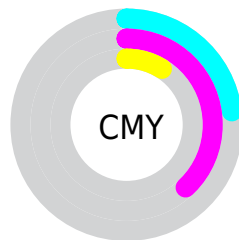


Cyan (15%)

Magenta (32%)

Yellow (0%)

Black (9%)



Cyan (23%)

Magenta (38%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C49EE7 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 C49EE7 by changing the saturation by 10% instead.



 C49EE7

 C49EE7

FFFFFF

 A884CB

 FDD5FF

 8D6AAF

 FFF1FF

 735294

 593A7A

 412361

 280D49

 160032

 00021C

 000000

 C49EE7

 C49EE7

 B987E7

 CFB5E7

 AE70E7

 DACCE7

 A359E7

 E5E3E7

 9842E7

 F0FAE7

 8D2BE7

 FBFFE7

 8213E7

 FFFFE7

 7800E7

# Harmonies

## Analogous

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



8CACF8



C49EE7



E892C7

# Triad

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



C49EE7



DAA365



00C2BB

# Complementary

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



C49EE7



C1E79E

# 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.



5BC094



C49EE7



B8B061

# Square

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



C49EE7



F1967D



8EBA72



00BFDF

# Rectangle

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



C49EE7



F58FAD



8EBA72



2EC1AE



# Sweetspot

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



C49EE7



F4E8FF



9EC1E7



797180



000000



808080



# Same Dimension

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



C49EE7



D19EFF



E79EE6



6D6773



5D00B3



1B0033



# Inverse Universe

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



E79EC1



FF9ECD



9EE79F



73676D



B30056

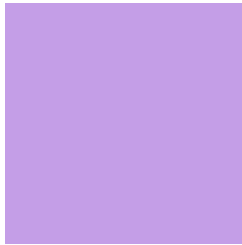


330018



# Previews

## White Background



This preview shows how the Hex color C49EE7 looks on a white background.

## Color Contrast Check

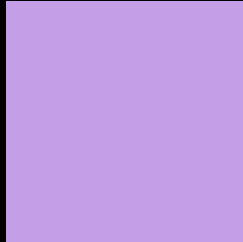
Large Text (above 18pt) WCAG AA × Fail

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 C49EE7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

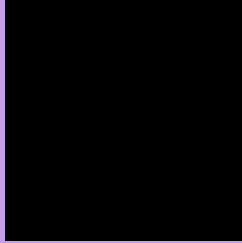
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C49EE7 Background



This preview shows how black text looks on a background with the Hex color C49EE7.



This preview shows how white text looks on a background with the Hex color C49EE7.

# 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](#).

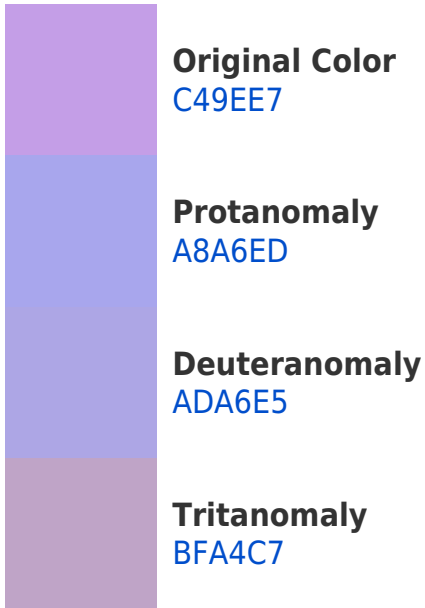
## Dichromacy



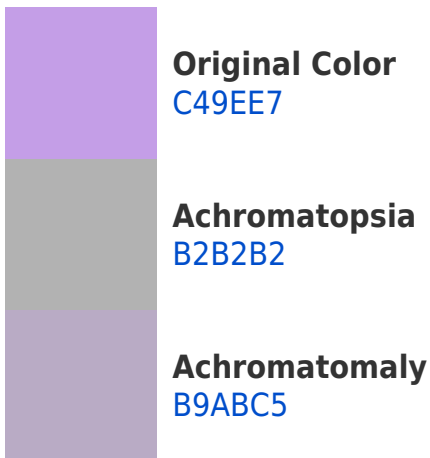


**Tritanopia**  
BCA8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C49EE7 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 #C49EE7 looks like.

```
.text, #text, p{  
    color:#C49EE7  
}
```

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 #C49EE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C49EE7
}
```

## Border

The CSS property to change the border of an element to Hex C49EE7 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
#C49EE7 }
```

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

```
.border{ border-color:#C49EE7 }
```

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

Here you see how a box with a 4 pixel #C49EE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C49EE7; -webkit-box-shadow:4px 4px  
4px 4px #C49EE7; box-shadow:4px 4px 4px  
4px #C49EE7 }
```

# Background

The CSS property to change the background color of an element to Hex C49EE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C49EE7 }
```

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

```
.background{ background-color:#C49EE7 }
```

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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