

# Converting Colors

Hex(CB69E9)

Have a look what the booklet for  
Hex(CB69E9) contains.

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# Color

**Hex(CB69E9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB69E9
RGB	203, 105, 233
RGB Percent	80%, 41%, 91%
CMY	0.2039, 0.5882, 0.0863
CMYK	0.13, 0.55, 0.00, 0.09
HSL	286°, 74%, 66%
HSV	286°, 55%, 91%
XYZ	44.3882, 28.6829, 80.2876
YIQ	148.8940, 17.3200, 60.5840

# Conversions

## Conversions Part 2

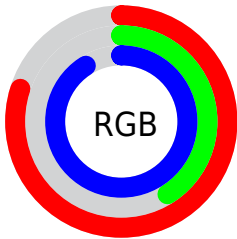
Format	Color
R <sub>Y</sub> B	203, 105, 233
Decimal	13330921
CIE Lab	60.50, 58.18, -48.79
CIE LCh	61, 75.929, 320.017
Yxy	28.6829, 0.2894, 0.1870
Android (android.graphics.Color)	4291521001 (0xFFFCB69E9)
YUV	148.8940, 41.4643, 47.4510
Hunter-Lab	53.5564, 54.2193, -51.3936

# Details

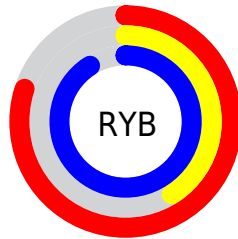
The Hex color **CB69E9** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **87E969**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFA0FF**, and **9232B1** is the 20% darker color. If you saturate the color by 10%, you get **C652E9**, and if you desaturate by 10%, it is **D080E9**.

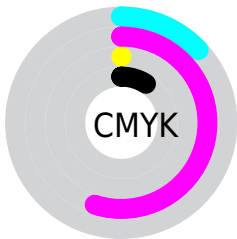
# Distribution



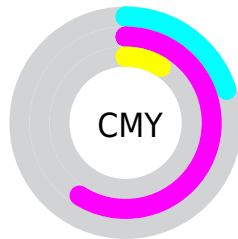
- Red (80%)
- Green (41%)
- Blue (91%)



- Red (80%)
- Yellow (41%)
- Blue (91%)



- Cyan (13%)
- Magenta (55%)
- Yellow (0%)
- Black (9%)



- Cyan (20%)
- Magenta (59%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB69E9 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 CB69E9 by changing the saturation by 10% instead.



 CB69E9

 CB69E9

FFFFFF

 AE4ECC

 FFA0FF

 9232B1

 FFBCFF

 761195

 FFD9FF

 5B007B

 FFF6FF

 400062

 280049

 000032

 00011B

 000000

 CB69E9

 CB69E9

 C652E9

 D080E9

 C03AE9

 D698E9

 BB23E9

 DBAFE9

 B50CE9

 E1C6E9

 B200E9

 E6DEE9

 ECF5E9

 F1FFE9

 F7FFE9

 FCFFE9

# Harmonies

## Analogous

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



588AFF



CB69E9



FD4AAB

# Triad

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



CB69E9



C28700



00B0BE

# Complementary

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



CB69E9



87E969

# 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.



00AE78



CB69E9



859C00

# Square

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



CB69E9



F06929



1FA833



00ACF8

# Rectangle

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



CB69E9



FF457E



1FA833



00B0A7



# Sweetspot

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



CB69E9



F5D6FF



6989E9



7A6780



000000



808080



# Same Dimension

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



CB69E9



D857FF



E969C9



736A75



8B00B5



290036



# Inverse Universe

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



E96987



FF577E



69E989



756A6C



B5002A

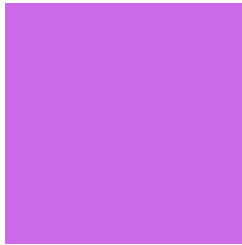


36000D



# Previews

## White Background



This preview shows how the Hex color CB69E9 looks on a white background.

## Color Contrast Check

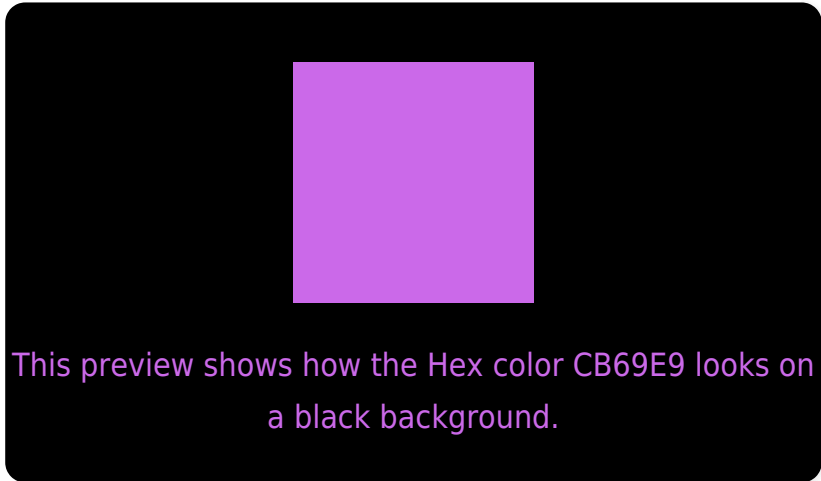
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB69E9 Background



This preview shows how black text looks on a background with the Hex color CB69E9.

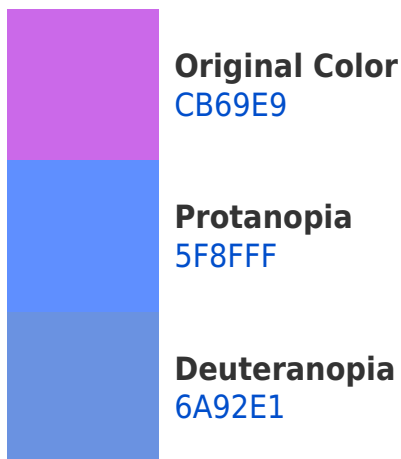


This preview shows how white text looks on a background with the Hex color CB69E9.

# 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**  
BE818B

# Trichromacy



**Original Color**  
CB69E9



**Protanomaly**  
8681F7



**Deuteranomaly**  
8D83E4



**Tritanomaly**  
C378AD

# Monochromacy



**Original Color**  
CB69E9



**Achromatopsia**  
959595



**Achromatomaly**  
A985B4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB69E9 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 #CB69E9 looks like.

```
.text, #text, p{  
    color:#CB69E9  
}
```

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 #CB69E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB69E9
}
```

## Border

The CSS property to change the border of an element to Hex CB69E9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

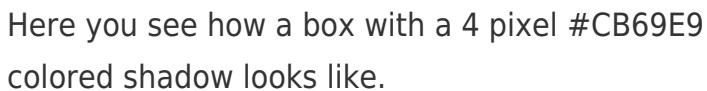
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CB69E9 }
```

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

```
.border{ border-color:#CB69E9 }
```

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



Here you see how a box with a 4 pixel #CB69E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB69E9; -webkit-box-shadow:4px 4px  
4px 4px #CB69E9; box-shadow:4px 4px 4px  
4px #CB69E9 }
```

# Background

The CSS property to change the background color of an element to Hex CB69E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB69E9 }
```

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

```
.background{ background-color:#CB69E9 }
```

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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