

# Converting Colors

Hex(CB96ED)

Have a look what the booklet for  
Hex(CB96ED) contains.

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# **Color**

**Hex(CB96ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CB96ED
RGB	203, 150, 237
RGB Percent	80%, 59%, 93%
CMY	0.2039, 0.4118, 0.0706
CMYK	0.14, 0.37, 0.00, 0.07
HSL	277°, 71%, 76%
HSV	277°, 37%, 93%
XYZ	50.8210, 40.6236, 85.2833
YIQ	175.7650, 3.6610, 38.2930

# Conversions

## Conversions Part 2

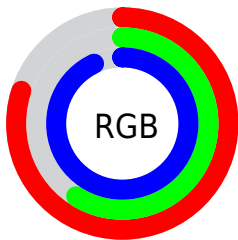
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 150, 237
Decimal	13342445
CIE <sub>Lab</sub>	69.91, 35.52, -36.24
CIE <sub>LCh</sub>	70, 50.739, 314.426
Yxy	40.6236, 0.2876, 0.2299
Android (android.graphics.Color)	4291532525 (0xFFC996ED)
YUV	175.7650, 30.1889, 23.8851
Hunter-Lab	63.7367, 30.7894, -34.7178

# Details

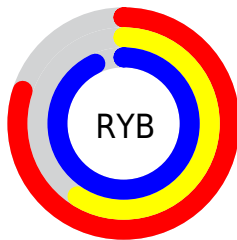
The Hex color **CB96ED** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B8ED96**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFCDFF**, and **9462B5** is the 20% darker color. If you saturate the color by 10%, you get **C27EED**, and if you desaturate by 10%, it is **D4AEED**.

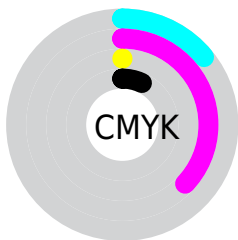
# Distribution



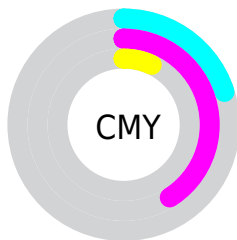
- Red (80%)
- Green (59%)
- Blue (93%)



- Red (80%)
- Yellow (59%)
- Blue (93%)



- Cyan (14%)
- Magenta (37%)
- Yellow (0%)
- Black (7%)



- Cyan (20%)
- Magenta (41%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB96ED 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 CB96ED by changing the saturation by 10% instead.



 CB96ED

 CB96ED

FFFFFF

 AF7CD1

 FFCDFD

 9462B5

 FFE9FF

 79499A

 5F317F

 451A66

 2C014E

 1A0037

 000220

 000004

 CB96ED

 CB96ED

 C27EED

 D4AEED

 B867ED

 DEC5ED

 AF4FED

 E7DDED

 A637ED

 F0F5ED

 9D1FED

 F9FFED

 9308ED

 FFFFED

 9000ED

# Harmonies

## Analogous

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



86A8FF



CB96ED



F487C5

# Triad

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



CB96ED



DAA051



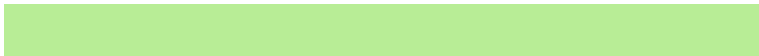
00C2C0

# Complementary

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



CB96ED



B8ED96

# 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.



2FC191



CB96ED



B1AF4E

# Square

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



CB96ED



F78F6C



7DBA67



00BFEA

# Rectangle

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



CB96ED



FF84A6



7DBA67



00C2B0



# Sweetspot

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



CB96ED



F4E3FF



96B9ED



796F80



000000



808080



# Same Dimension

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



CB96ED



D38FFF



ED96E4



716A75



6E00B5



210036



# Inverse Universe

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



ED96B8



FF8FBB



96ED9F



756A6E



B50047

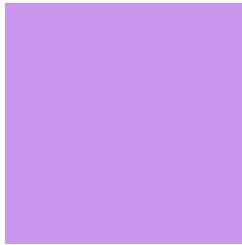


360015



# Previews

## White Background



This preview shows how the Hex color CB96ED looks on a white background.

## Color Contrast Check

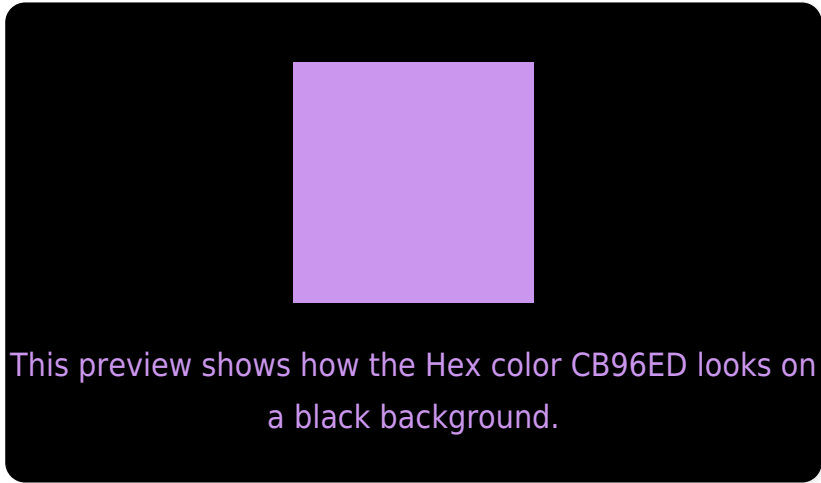
Large Text (above 18pt) WCAG AA × Fail

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 CB96ED Background



This preview shows how black text looks on a background with the Hex color CB96ED.

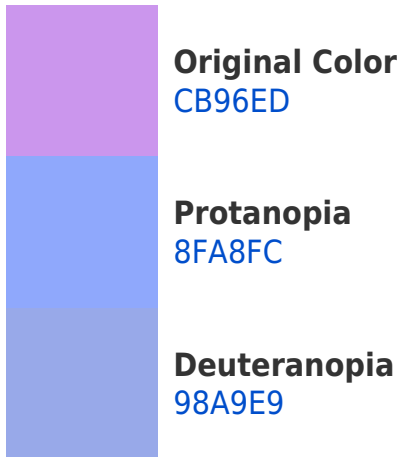


This preview shows how white text looks on a background with the Hex color CB96ED.

# 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**  
C1A3AF

# Trichromacy



**Original Color**  
CB96ED



**Protanomaly**  
A5A1F7



**Deuteranomaly**  
ABA2EA



**Tritanomaly**  
C59EC6

# Monochromacy



**Original Color**  
CB96ED



**Achromatopsia**  
B0B0B0



**Achromatomaly**  
BAA7C6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB96ED 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 #CB96ED looks like.

```
.text, #text, p{  
    color:#CB96ED  
}
```

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 #CB96ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB96ED
}
```

## Border

The CSS property to change the border of an element to Hex CB96ED 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
#CB96ED }
```

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

```
.border{ border-color:#CB96ED }
```

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

Here you see how a box with a 4 pixel #CB96ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB96ED; -webkit-box-shadow:4px 4px  
4px 4px #CB96ED; box-shadow:4px 4px 4px  
4px #CB96ED }
```

# Background

The CSS property to change the background color of an element to Hex CB96ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB96ED }
```

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

```
.background{ background-color:#CB96ED }
```

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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