

# Converting Colors

Hex(C0B4EE)

Have a look what the booklet for  
Hex(C0B4EE) contains.

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# Color

**Hex(C0B4EE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0B4EE
RGB	192, 180, 238
RGB Percent	75%, 71%, 93%
CMY	0.2471, 0.2941, 0.0667
CMYK	0.19, 0.24, 0.00, 0.07
HSL	252°, 63%, 82%
HSV	252°, 24%, 93%
XYZ	53.4921, 50.0220, 87.7248
YIQ	190.2000, -11.4660, 20.5820

# Conversions

## Conversions Part 2

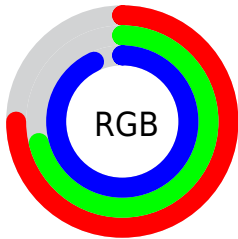
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	192, 180, 238
Decimal	12629230
CIE Lab	76.08, 15.90, -27.34
CIE LCh	76, 31.628, 300.190
Yxy	50.0220, 0.2797, 0.2616
Android (android.graphics.Color)	4290819310 (0xFFC0B4EE)
YUV	190.2000, 23.5654, 1.5786
Hunter-Lab	70.7263, 11.2332, -24.0315

# Details

The Hex color **C0B4EE** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E2EEB4**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **F9ECFF**, and **8A7FB6** is the 20% darker color. If you saturate the color by 10%, you get **AD9CEE**, and if you desaturate by 10%, it is **D3CCEE**.

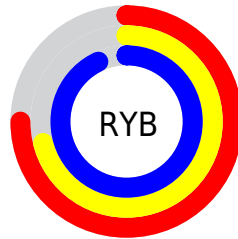
# Distribution



Red (75%)

Green (71%)

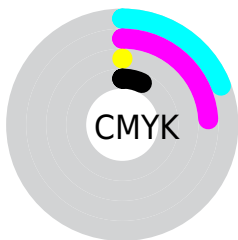
Blue (93%)



Red (75%)

Yellow (71%)

Blue (93%)

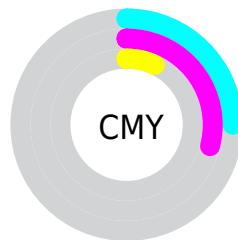


Cyan (19%)

Magenta (24%)

Yellow (0%)

Black (7%)



Cyan (25%)

Magenta (29%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0B4EE 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 C0B4EE by changing the saturation by 10% instead.



 C0B4EE

 C0B4EE

FFFFFF

 A599D2

 F9ECFF

 8A7FB6

 70669B

 564E81

 3E3767

 26224F

 0E0D38

 000222

 000008

 C0B4EE

 C0B4EE

 AD9CEE

 D3CCEE

 9A84EE

 E6E4EE

 876DEE

 F9FBEE

 7455EE

 FFFFEE

 623DEE

 4F25EE

 3C0DEE

 3100EE

# Harmonies

## Analogous

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



96BEF5



C0B4EE



E1ABD9

# Triad

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



C0B4EE



E8B08A



6FCCBB

# Complementary

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



C0B4EE



E2EEB4

# 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.



8FC99E



C0B4EE



D0BA81

# Square

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



C0B4EE



F5A8A0



B1C388



5FCBD8

# Rectangle

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



C0B4EE



EFA7C6



B1C388



79CBB1



# Sweetspot

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



C0B4EE



F1EDFF



B4E2EE



777580



000000



808080



# Same Dimension

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



C0B4EE



C4B5FF



DDB4EE



6E6C78



2600B8



0C0038



# Inverse Universe

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



EEB4E2



FFB5F0



C5EEB4



786C75



B80092

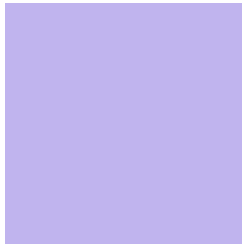


38002C



# Previews

## White Background



This preview shows how the Hex color C0B4EE looks on a white background.

## Color Contrast Check

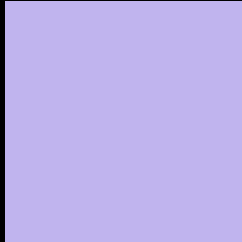
Large Text (above 18pt) WCAG AA × Fail

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 C0B4EE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

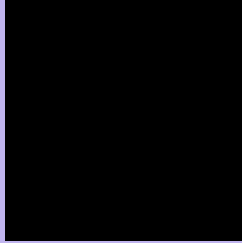
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C0B4EE Background



This preview shows how black text looks on a background with the Hex color C0B4EE.

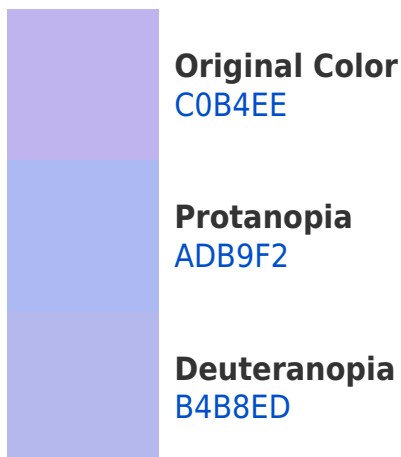


This preview shows how white text looks on a background with the Hex color C0B4EE.

# 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](#).

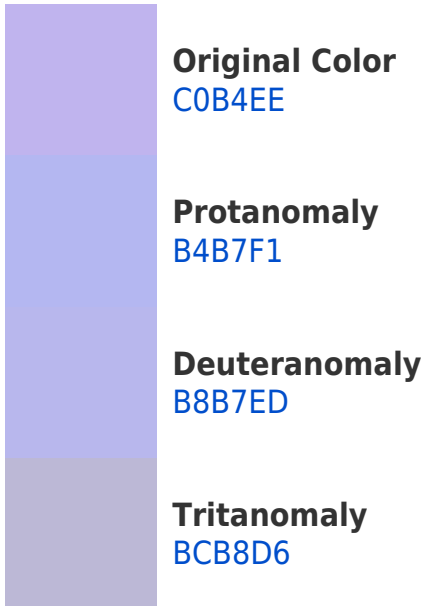
## Dichromacy





**Tritanopia**  
B9BBC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0B4EE 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 #C0B4EE looks like.

```
.text, #text, p{  
    color:#C0B4EE  
}
```

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 #C0B4EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0B4EE
}
```

## Border

The CSS property to change the border of an element to Hex C0B4EE 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
#C0B4EE }
```

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

```
.border{ border-color:#C0B4EE }
```

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

Here you see how a box with a 4 pixel #C0B4EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0B4EE; -webkit-box-shadow:4px 4px  
4px 4px #C0B4EE; box-shadow:4px 4px 4px  
4px #C0B4EE }
```

# Background

The CSS property to change the background color of an element to Hex C0B4EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0B4EE }
```

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

```
.background{ background-color:#C0B4EE }
```

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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