

# Converting Colors

Hex(C4B7E9)

Have a look what the booklet for  
Hex(C4B7E9) contains.

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# **Color**

**Hex(C4B7E9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4B7E9
RGB	196, 183, 233
RGB Percent	77%, 72%, 91%
CMY	0.2314, 0.2824, 0.0863
CMYK	0.16, 0.21, 0.00, 0.09
HSL	256°, 53%, 82%
HSV	256°, 21%, 91%
XYZ	54.4064, 51.4859, 84.1610
YIQ	192.5870, -8.3020, 18.3060

# Conversions

## Conversions Part 2

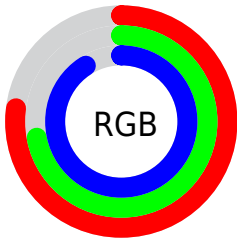
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 183, 233
Decimal	12892137
CIE <sub>Lab</sub>	76.97, 14.41, -23.25
CIE <sub>LCh</sub>	77, 27.353, 301.788
Yxy	51.4859, 0.2863, 0.2709
Android (android.graphics.Color)	4291082217 (0xFFC4B7E9)
YUV	192.5870, 19.9236, 2.9932
Hunter-Lab	71.7537, 9.7766, -19.3146

# Details

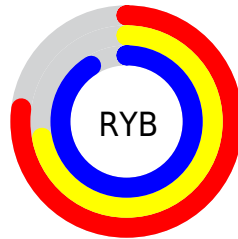
The Hex color **C4B7E9** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **DCE9B7**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FDEFFF**, and **8E82B1** is the 20% darker color. If you saturate the color by 10%, you get **B3A0E9**, and if you desaturate by 10%, it is **D5CEE9**.

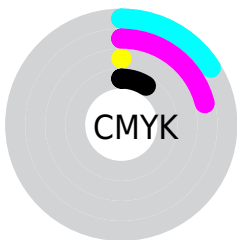
# Distribution



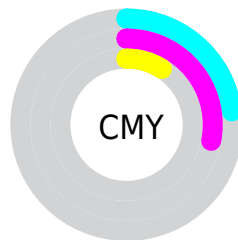
- Red (77%)
- Green (72%)
- Blue (91%)



- Red (77%)
- Yellow (72%)
- Blue (91%)



- Cyan (16%)
- Magenta (21%)
- Yellow (0%)
- Black (9%)



- Cyan (23%)
- Magenta (28%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4B7E9 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 C4B7E9 by changing the saturation by 10% instead.



 C4B7E9

FFFFFF

 FDEFFF

 C4B7E9

 A99CCD

 8E82B1


 746996

 5B517C

 433A63

 2B244B

 141034

 00011F

 000002

 C4B7E9

 C4B7E9

 B3A0E9

 D5CEE9

 A288E9

 E6E6E9

 9071E9

 F8FDE9

 7F5AE9

 FFFFE9

 6E42E9

 5D2BE9

 4B14E9

 3D00E9

# Harmonies

## Analogous

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



A1C0F0



C4B7E9



E0AFD6

# Triad

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



C4B7E9



E5B492



7ECCBF

# Complementary

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



C4B7E9



DCE9B7

# 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.



97CAA5



C4B7E9



CFBD8B

# Square

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



C4B7E9



F1AEA5



B4C593



73CBD8

# Rectangle

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



C4B7E9



ECACC6



B4C593



85CCB6



# Sweetspot

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



C4B7E9



F4F0FF



B7DDE9



797780



000000



808080



# Same Dimension

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



C4B7E9



CEBDFE



DDB7E9



6D6A75



2F00B5



0E0036



# Inverse Universe

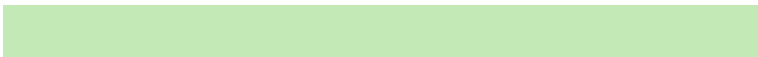
The Inverse Universe completely reimagines the original color for something new.



E9B7DC



FFBDEE



C3E9B7



756A72



B50086



360028



# Previews

## White Background



This preview shows how the Hex color C4B7E9 looks on a white background.

## Color Contrast Check

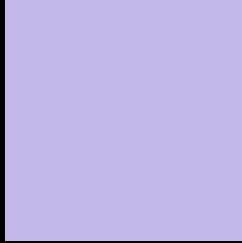
Large Text (above 18pt) WCAG AA × Fail

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 C4B7E9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

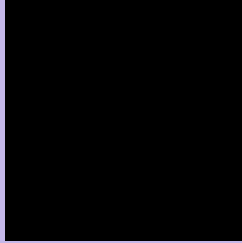
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C4B7E9 Background



This preview shows how black text looks on a background with the Hex color C4B7E9.

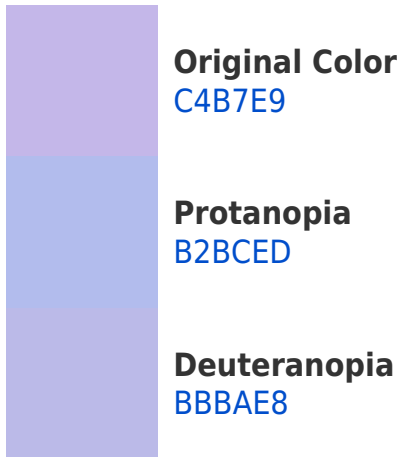


This preview shows how white text looks on a background with the Hex color C4B7E9.

# Color Blindness Simulation

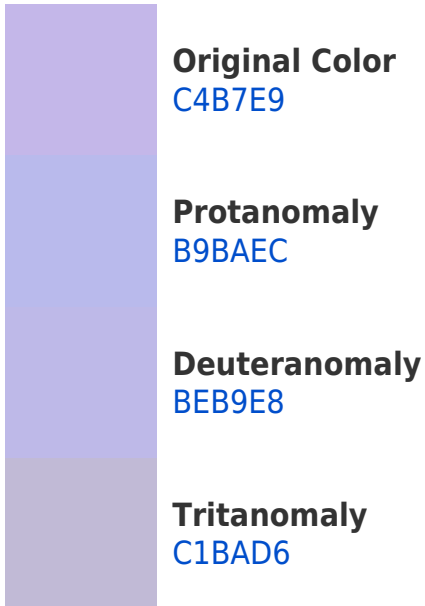
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

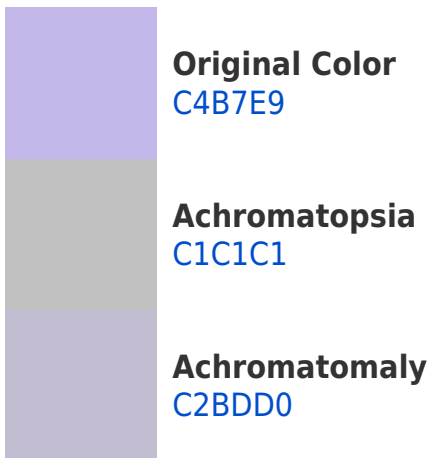




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4B7E9 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 #C4B7E9 looks like.

```
.text, #text, p{  
    color:#C4B7E9  
}
```

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 #C4B7E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4B7E9
}
```

## Border

The CSS property to change the border of an element to Hex C4B7E9 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
#C4B7E9 }
```

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

```
.border{ border-color:#C4B7E9 }
```

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

Here you see how a box with a 4 pixel #C4B7E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4B7E9; -webkit-box-shadow:4px 4px  
4px 4px #C4B7E9; box-shadow:4px 4px 4px  
4px #C4B7E9 }
```

# Background

The CSS property to change the background color of an element to Hex C4B7E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4B7E9 }
```

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

```
.background{ background-color:#C4B7E9 }
```

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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