

# Converting Colors

Hex(C7B0E8)

Have a look what the booklet for  
Hex(C7B0E8) contains.

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# Color

**Hex(C7B0E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7B0E8
RGB	199, 176, 232
RGB Percent	78%, 69%, 91%
CMY	0.2196, 0.3098, 0.0902
CMYK	0.14, 0.24, 0.00, 0.09
HSL	265°, 55%, 80%
HSV	265°, 24%, 91%
XYZ	53.6440, 49.0190, 82.9782
YIQ	189.2610, -4.2680, 22.2920

# Conversions

## Conversions Part 2

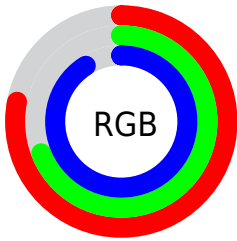
Format	Color
R <sub>Y</sub> B	199, 176, 232
Decimal	13086952
CIE Lab	75.46, 18.97, -24.99
CIE LCh	75, 31.370, 307.199
Yxy	49.0190, 0.2890, 0.2641
Android (android.graphics.Color)	4291277032 (0xFFC7B0E8)
YUV	189.2610, 21.0703, 8.5411
Hunter-Lab	70.0136, 14.2420, -21.2594

# Details

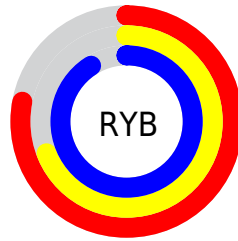
The Hex color **C7B0E8** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D1E8B0**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFE8FF**, and **917BB0** is the 20% darker color. If you saturate the color by 10%, you get **B999E8**, and if you desaturate by 10%, it is **D5C7E8**.

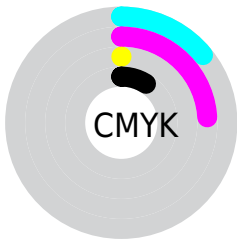
# Distribution



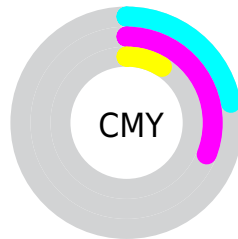
- Red (78%)
- Green (69%)
- Blue (91%)



- Red (78%)
- Yellow (69%)
- Blue (91%)



- Cyan (14%)
- Magenta (24%)
- Yellow (0%)
- Black (9%)



- Cyan (22%)
- Magenta (31%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7B0E8 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 C7B0E8 by changing the saturation by 10% instead.



 C7B0E8

 C7B0E8

FFFFFF

 AB95CC

 FFE8FF

 917BB0

 766295

 5D4A7B

 453462

 2D1E4A

 170833

 00021E

 000000

 C7B0E8

 C7B0E8

 B999E8

 D5C7E8

 AC82E8

 E2DEE8

 9E6AE8

 F0F6E8

 9053E8

 FEFEE8

 833CE8

 FFFFE8

 7525E8

 670EE8

 5F00E8

# Harmonies

## Analogous

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



9FBAF3



C7B0E8



E5A7D1

# Triad

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



C7B0E8



E1B185



68CAC0

# Complementary

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



C7B0E8



D1E8B0

# 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.



86C8A3



C7B0E8



C7BA80

# Square

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



C7B0E8



F1A898



A8C38B



5EC8DC

# Rectangle

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



C7B0E8



F0A5BE



A8C38B



71CAB6



# Sweetspot

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



C7B0E8



F4EDFF



B0D2E8



797580



000000



808080



# Same Dimension

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



C7B0E8



D3B5FF



E2B0E8



6C6773



4900B3



150033



# Inverse Universe

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



E8B0D1



FFB5E1



B6E8B0



73676E



B30069

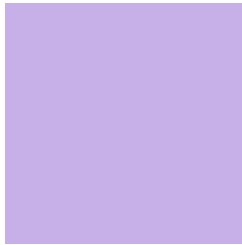


33001E



# Previews

## White Background



This preview shows how the Hex color C7B0E8 looks on a white background.

## Color Contrast Check

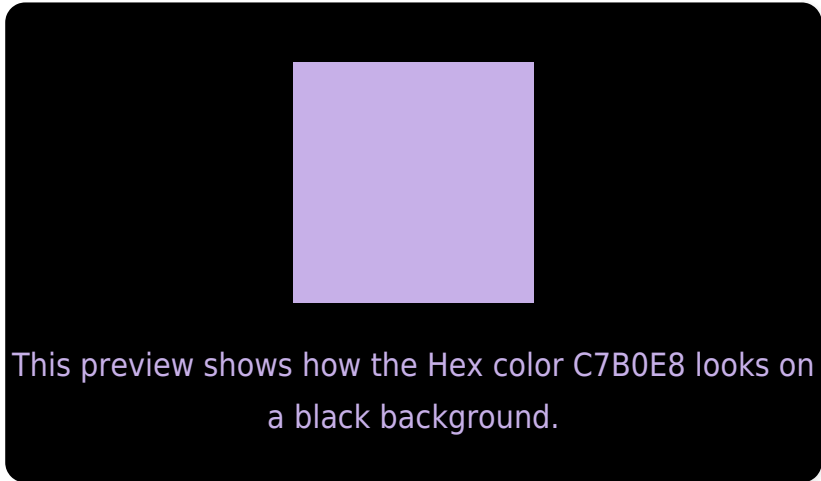
Large Text (above 18pt) WCAG AA × Fail

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 C7B0E8 Background



This preview shows how black text looks on a background with the Hex color C7B0E8.

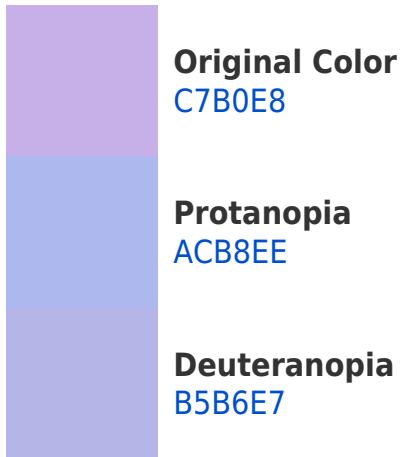


This preview shows how white text looks on a background with the Hex color C7B0E8.

# 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](#).

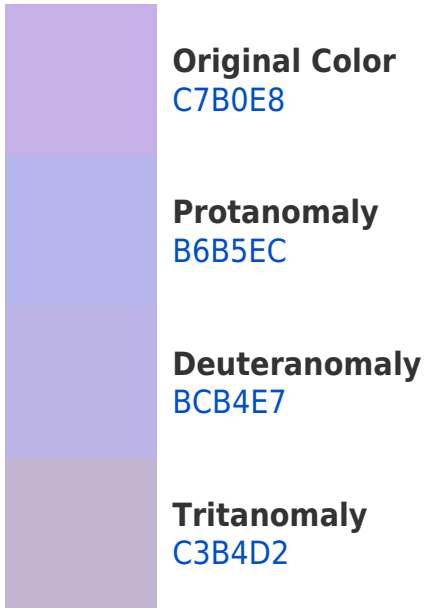
## Dichromacy



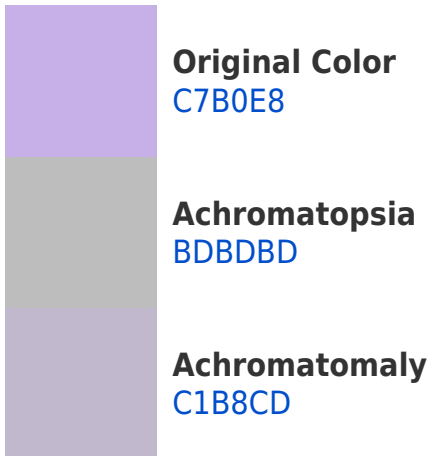


**Tritanopia**  
C1B6C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7B0E8 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 #C7B0E8 looks like.

```
.text, #text, p{  
    color:#C7B0E8  
}
```

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 #C7B0E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7B0E8
}
```

## Border

The CSS property to change the border of an element to Hex C7B0E8 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
#C7B0E8 }
```

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

```
.border{ border-color:#C7B0E8 }
```

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

Here you see how a box with a 4 pixel #C7B0E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7B0E8; -webkit-box-shadow:4px 4px  
4px 4px #C7B0E8; box-shadow:4px 4px 4px  
4px #C7B0E8 }
```

# Background

The CSS property to change the background color of an element to Hex C7B0E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7B0E8 }
```

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

```
.background{ background-color:#C7B0E8 }
```

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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