

# Converting Colors

Hex(C6B7EC)

Have a look what the booklet for  
Hex(C6B7EC) contains.

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# **Color**

**Hex(C6B7EC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C6B7EC
RGB	198, 183, 236
RGB Percent	78%, 72%, 93%
CMY	0.2235, 0.2824, 0.0745
CMYK	0.16, 0.22, 0.00, 0.07
HSL	257°, 58%, 82%
HSV	257°, 22%, 93%
XYZ	55.3625, 51.9289, 86.4622
YIQ	193.5270, -8.0730, 19.6630

# Conversions

## Conversions Part 2

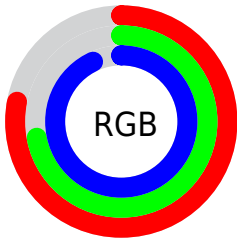
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">198, 183, 236</a>
Decimal	<a href="#">13023212</a>
CIELab	<a href="#">77.24, 15.68, -24.45</a>
CIELCh	<a href="#">77, 29.046, 302.675</a>
Yxy	<a href="#">51.9289, 0.2857, 0.2680</a>
Android (android.graphics.Color)	<a href="#">4291213292 (0xFFC6B7EC)</a>
YUV	<a href="#">193.5270, 20.9392, 3.9228</a>
Hunter-Lab	<a href="#">72.0617, 11.0274, -20.6951</a>

# Details

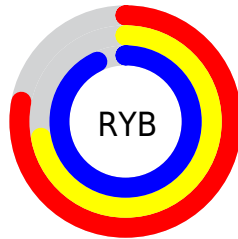
The Hex color **C6B7EC** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **DDECB7**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFEFFF**, and **9082B4** is the 20% darker color. If you saturate the color by 10%, you get **B59FEC**, and if you desaturate by 10%, it is **D7CFEC**.

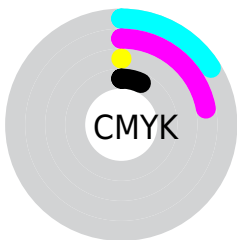
# Distribution



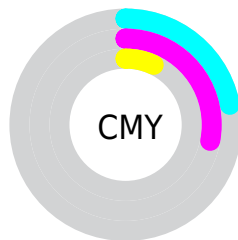
- Red (78%)
- Green (72%)
- Blue (93%)



- Red (78%)
- Yellow (72%)
- Blue (93%)



- Cyan (16%)
- Magenta (22%)
- Yellow (0%)
- Black (7%)



- Cyan (22%)
- Magenta (28%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6B7EC 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 C6B7EC by changing the saturation by 10% instead.



 C6B7EC

FFFFFF

 FFEFFF

 C6B7EC

 AA9CD0

 9082B4

 766999

 5C517F

 443A66

 2C244E

 161037

 000021

 000006

 C6B7EC

 C6B7EC

 B59FEC

 D7CFEC

 A488EC

 E8E6EC

 9370EC

 F9FEEC

 8259EC

 FFFFEC

 7141EC

 6029EC

 5012EC

 4300EC

# Harmonies

## Analogous

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



A0C0F4



C6B7EC



E3AFD8

# Triad

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



C6B7EC



E7B590



79CEC0

# Complementary

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



C6B7EC



DDECB7

# 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.



94CBA5



C6B7EC



D0BE89

# Square

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



C6B7EC



F4ADA3



B3C691



6DCDDB

# Rectangle

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



C6B7EC



F0ACC6



B3C691



81CDB7



# Sweetspot

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



C6B7EC



F2EDFF



B7DEEC



787580



000000



808080



# Same Dimension

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



C6B7EC



CEBAFF



E0B7EC



6D6A75



3300B5



0F0036



# Inverse Universe

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



ECB7DD



FFBAEC



C3ECB7



756A72



B50082

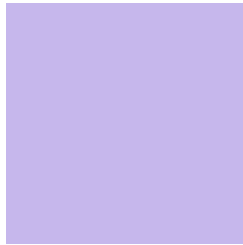


360026



# Previews

## White Background



This preview shows how the Hex color C6B7EC looks on a white background.

## Color Contrast Check

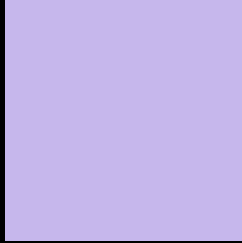
Large Text (above 18pt) WCAG AA × Fail

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 C6B7EC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

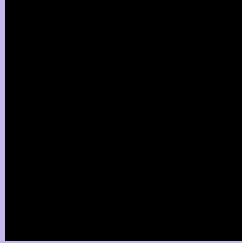
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C6B7EC Background



This preview shows how black text looks on a background with the Hex color C6B7EC.



This preview shows how white text looks on a background with the Hex color C6B7EC.

# Color Blindness Simulation

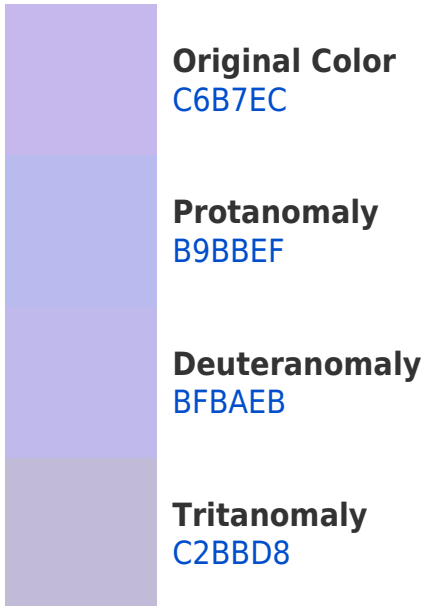
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

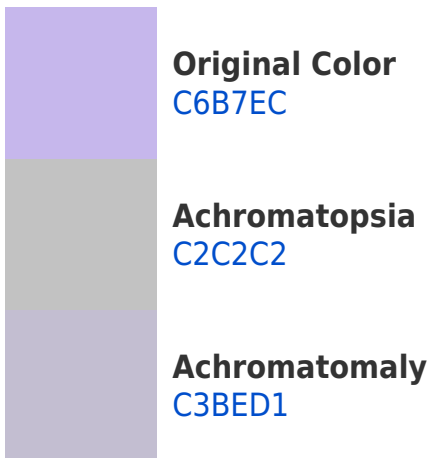




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6B7EC 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 #C6B7EC looks like.

```
.text, #text, p{  
    color:#C6B7EC  
}
```

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 #C6B7EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6B7EC  
}
```

## Border

The CSS property to change the border of an element to Hex C6B7EC 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  
#C6B7EC }
```

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

```
.border{ border-color:#C6B7EC }
```

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

Here you see how a box with a 4 pixel #C6B7EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6B7EC; -webkit-box-shadow:4px 4px  
4px 4px #C6B7EC; box-shadow:4px 4px 4px  
4px #C6B7EC }
```

# Background

The CSS property to change the background color of an element to Hex C6B7EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6B7EC }
```

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

```
.background{ background-color:#C6B7EC }
```

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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