

# Converting Colors

Hex(C8B2EB)

Have a look what the booklet for  
Hex(C8B2EB) contains.

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# **Color**

**Hex(C8B2EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C8B2EB
RGB	200, 178, 235
RGB Percent	78%, 70%, 92%
CMY	0.2157, 0.3020, 0.0784
CMYK	0.15, 0.24, 0.00, 0.08
HSL	263°, 59%, 81%
HSV	263°, 24%, 92%
XYZ	54.7352, 50.1183, 85.3862
YIQ	191.0760, -5.1850, 22.3910

# Conversions

## Conversions Part 2

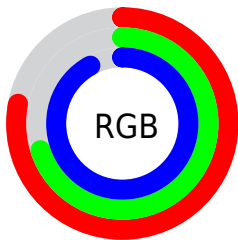
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	200, 178, 235
Decimal	13153003
CIE <sub>Lab</sub>	76.14, 18.82, -25.57
CIE <sub>LCh</sub>	76, 31.750, 306.361
Y <sub>xy</sub>	50.1183, 0.2877, 0.2634
Android (android.graphics.Color)	4291343083 (0xFFC8B2EB)
YUV	191.0760, 21.6545, 7.8263
Hunter-Lab	70.7943, 14.1188, -21.9547

# Details

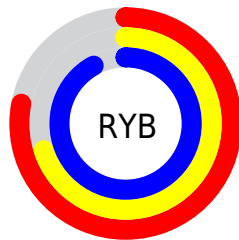
The Hex color **C8B2EB** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D5EBB2**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFEAFF**, and **917DB3** is the 20% darker color. If you saturate the color by 10%, you get **BA9BEB**, and if you desaturate by 10%, it is **D6CAEB**.

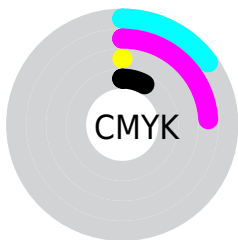
# Distribution



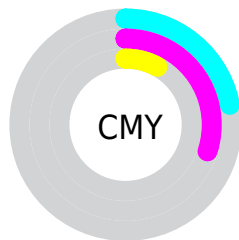
- Red (78%)
- Green (70%)
- Blue (92%)



- Red (78%)
- Yellow (70%)
- Blue (92%)



- Cyan (15%)
- Magenta (24%)
- Yellow (0%)
- Black (8%)



- Cyan (22%)
- Magenta (30%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8B2EB 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 C8B2EB by changing the saturation by 10% instead.




 C8B2EB

 C8B2EB

FFFFFF

 AC97CF

 FFEAFF

 917DB3

 776498

 5E4C7E

 463565

 2E204D

 170B36

 000020

 000004

 C8B2EB

 C8B2EB

 BA9BEB

 D6CAEB

 AB83EB

 E5E1EB

 9D6CEB

 F3F9EB

 8E54EB

 FFFFEB

 803CEB

 7125EB

 630EEB

 5B00EB

# Harmonies

## Analogous

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



9FBCF6



C8B2EB



E6A9D4

# Triad

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



C8B2EB



E4B287



6ACCC1

# Complementary

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



C8B2EB



D5EBB2

# 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.



88CAA3



C8B2EB



CABC81

# Square

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



C8B2EB



F4A99A



AAC48C



5FCADD

# Rectangle

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



C8B2EB



F2A6C1



AAC48C



73CCB7



# Sweetspot

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



C8B2EB



F4EDFF



B2D5EB



797580



000000



808080



# Same Dimension

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



C8B2EB



D2B5FF



E4B2EB



6E6A75



4600B5



150036



# Inverse Universe

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



EBB2D5



FFB5E2



B9EBB2



756A71



B5006F

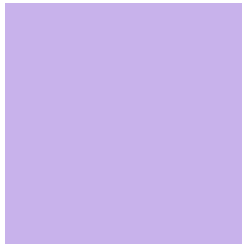


360021



# Previews

## White Background



This preview shows how the Hex color C8B2EB looks on a white background.

## Color Contrast Check

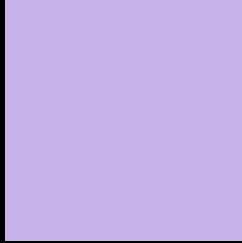
Large Text (above 18pt) WCAG AA × Fail

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 C8B2EB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

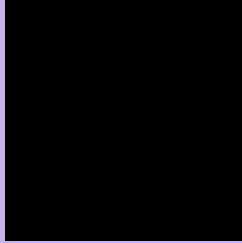
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C8B2EB Background



This preview shows how black text looks on a background with the Hex color C8B2EB.

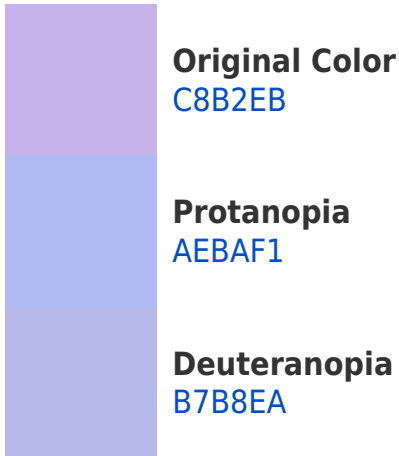


This preview shows how white text looks on a background with the Hex color C8B2EB.

# 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**  
C2B9C7

# Trichromacy



**Original Color**  
C8B2EB

**Protanomaly**  
B7B7EF

**Deuteranomaly**  
BDB6EA

**Tritanomaly**  
C4B6D4

# Monochromacy



**Original Color**  
C8B2EB

**Achromatopsia**  
BFBFBF

**Achromatomaly**  
C2BACF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8B2EB 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 #C8B2EB looks like.

```
.text, #text, p{  
    color:#C8B2EB  
}
```

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 #C8B2EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8B2EB
}
```

## Border

The CSS property to change the border of an element to Hex C8B2EB is called "border". The border property can be set on classes, ids or directly on the HTML element.

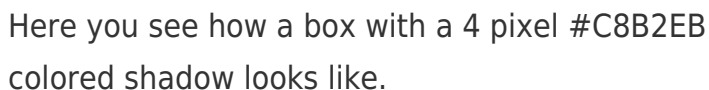
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C8B2EB }
```

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

```
.border{ border-color:#C8B2EB }
```

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



Here you see how a box with a 4 pixel `#C8B2EB` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8B2EB; -webkit-box-shadow:4px 4px  
4px 4px #C8B2EB; box-shadow:4px 4px 4px  
4px #C8B2EB }
```

# Background

The CSS property to change the background color of an element to Hex C8B2EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8B2EB }
```

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

```
.background{ background-color:#C8B2EB }
```

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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