

# Converting Colors

Hex(C8AAE0)

Have a look what the booklet for  
Hex(C8AAE0) contains.

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# **Color**

**Hex(C8AAE0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C8AAE0
RGB	200, 170, 224
RGB Percent	78%, 67%, 88%
CMY	0.2157, 0.3333, 0.1216
CMYK	0.11, 0.24, 0.00, 0.12
HSL	273°, 47%, 77%
HSV	273°, 24%, 88%
XYZ	51.6487, 46.4106, 76.7570
YIQ	185.1260, 0.5460, 23.1540

# Conversions

## Conversions Part 2

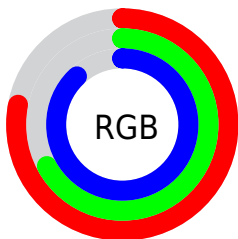
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	200, 170, 224
Decimal	13150944
CIE <sub>Lab</sub>	73.81, 20.90, -23.15
CIE <sub>LCh</sub>	74, 31.189, 312.072
Yxy	46.4106, 0.2954, 0.2655
Android (android.graphics.Color)	4291341024 (0xFFC8AAE0)
YUV	185.1260, 19.1649, 13.0445
Hunter-Lab	68.1253, 16.1090, -19.1144

# Details

The Hex color **C8AAE0** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **C2E0AA**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFE1FF**, and **9276A9** is the 20% darker color. If you saturate the color by 10%, you get **BE94E0**, and if you desaturate by 10%, it is **D2C0E0**.

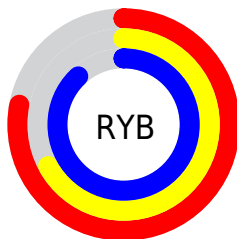
# Distribution



Red (78%)

Green (67%)

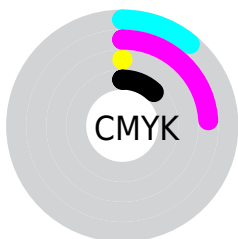
Blue (88%)



Red (78%)

Yellow (67%)

Blue (88%)

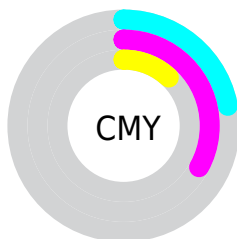


Cyan (11%)

Magenta (24%)

Yellow (0%)

Black (12%)



Cyan (22%)

Magenta (33%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8AAE0 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 C8AAE0 by changing the saturation by 10% instead.



 C8AAE0

 C8AAE0

FFFFFF

 AC8FC4

 FFE1FF

 9276A9

FFFEFF

 775D8E

 5E4574

 462E5C

 2F1944

 1A002D

 000118

 000000

 C8AAE0

 C8AAE0

 BE94E0

 D2C0E0

 B47DE0

 DCD7E0

 AA67E0

 E6EDE0

 A050E0

 F0FFE0

 963AE0

 FAFFE0

 8C24E0

 FFFFEO

 820DE0

 7C00E0

# Harmonies

## Analogous

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



A1B4ED



C8AAE0



E3A2C8

# Triad

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



C8AAE0



D9AE7F



61C5C0

# Complementary

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



C8AAE0



C2E0AA

# 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.



7DC4A3



C8AAE0



BEB77D

# Square

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



C8AAE0



EAA590



9EBF8A



5CC3DB

# Rectangle

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



C8AAE0



EDA0B4



9EBF8A



69C5B6



# Sweetspot

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



C8AAE0



F7EDFF



AAC2E0



7B7580



000000



808080



# Same Dimension

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



C8AAE0



DEB5FF



E0AADD



6B6570



6200B0



1B0030



# Inverse Universe

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



E0AAC2



FFB5D6



AAE0AD



70656A



B0004E

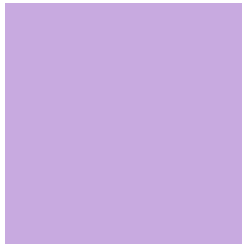


300016



# Previews

## White Background



This preview shows how the Hex color C8AAE0 looks on a white background.

## Color Contrast Check

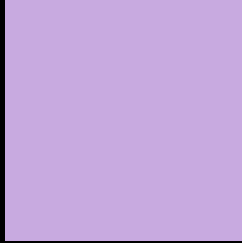
Large Text (above 18pt) WCAG AA × Fail

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 C8AAE0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

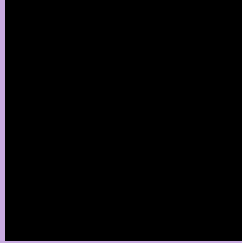
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C8AAE0 Background



This preview shows how black text looks on a background with the Hex color C8AAE0.

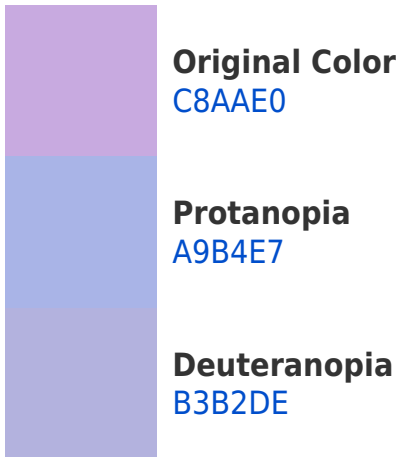


This preview shows how white text looks on a background with the Hex color C8AAE0.

# Color Blindness Simulation

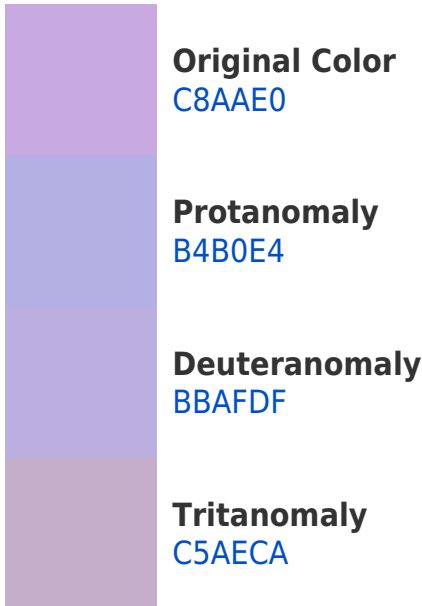
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8AAE0 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 #C8AAE0 looks like.

```
.text, #text, p{  
    color:#C8AAE0  
}
```

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 #C8AAE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8AAE0
}
```

## Border

The CSS property to change the border of an element to Hex C8AAE0 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
#C8AAE0 }
```

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

```
.border{ border-color:#C8AAE0 }
```

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

Here you see how a box with a 4 pixel #C8AAE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8AAE0; -webkit-box-shadow:4px 4px  
4px 4px #C8AAE0; box-shadow:4px 4px 4px  
4px #C8AAE0 }
```

# Background

The CSS property to change the background color of an element to Hex C8AAE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8AAE0 }
```

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

```
.background{ background-color:#C8AAE0 }
```

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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