

# Converting Colors

Hex(CCA8E7)

Have a look what the booklet for  
Hex(CCA8E7) contains.

<b>Hex(CCA8E7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(CCA8E7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCA8E7
RGB	204, 168, 231
RGB Percent	80%, 66%, 91%
CMY	0.2000, 0.3412, 0.0941
CMYK	0.12, 0.27, 0.00, 0.09
HSL	274°, 57%, 78%
HSV	274°, 27%, 91%
XYZ	53.3283, 46.6122, 81.7876
YIQ	185.9460, 1.2330, 27.2250

# Conversions

## Conversions Part 2

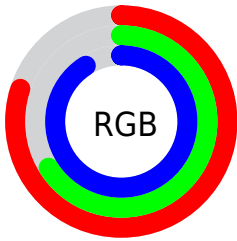
<b>Format</b>	<b>Color</b>
<b>RYB</b>	204, 168, 231
Decimal	13412583
CIELab	73.94, 24.71, -26.73
CIELCh	74, 36.408, 312.752
Yxy	46.6122, 0.2935, 0.2565
Android (android.graphics.Color)	4291602663 (0xFFCCA8E7)
YUV	185.9460, 22.2116, 15.8334
Hunter-Lab	68.2731, 19.9489, -23.2352

# Details

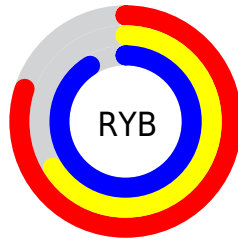
The Hex color **CCA8E7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **C3E7A8**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFDFFF**, and **9574AF** is the 20% darker color. If you saturate the color by 10%, you get **C291E7**, and if you desaturate by 10%, it is **D6BFE7**.

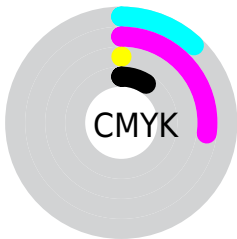
# Distribution



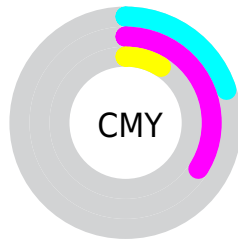
- Red (80%)
- Green (66%)
- Blue (91%)



- Red (80%)
- Yellow (66%)
- Blue (91%)



- Cyan (12%)
- Magenta (27%)
- Yellow (0%)
- Black (9%)



- Cyan (20%)
- Magenta (34%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCA8E7 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 CCA8E7 by changing the saturation by 10% instead.



■ CCA8E7

■ CCA8E7

FFFFFF

■ B08DCB

■ FFDFFF

■ 9574AF

■ FFFCFF

■ 7B5B94

■ 61437A

■ 492C61

■ 311649

■ 1B0033

■ 00021D

■ 000000

■ CCA8E7

■ CCA8E7

■ C291E7

■ D6BFE7

■ B87AE7

■ E0D6E7

■ AE63E7

■ EAEDE7

■ A44CE7

■ F4FFE7

■ 9A34E7

■ FEFFE7

■ 911DE7

■ FFFFE7

■ 8706E7

■ 8400E7

# Harmonies

## Analogous

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



9EB4F7



CCA8E7



EB9FCA

# Triad

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



CCA8E7



DDAD76



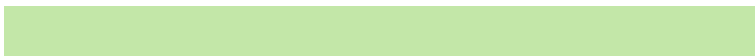
48C8C3

# Complementary

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



CCA8E7



C3E7A8

# 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.



70C6A1



CCA8E7



BEB874

# Square

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



CCA8E7



F2A28A



99C184



3EC5E2

# Rectangle

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



CCA8E7



F69CB4



99C184



55C8B8



# Sweetspot

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



CCA8E7



F6EBFF



A8C3E7



7A7380



000000



808080



# Same Dimension

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



CCA8E7



DBABFF



E7A8E3



6E6773



6600B3



1D0033



# Inverse Universe

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



E7A8C3



FFABCF



A8E7AC



73676C



B3004D

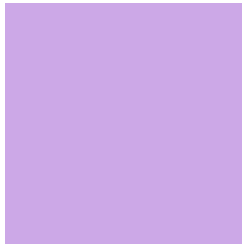


330016



# Previews

## White Background



This preview shows how the Hex color CCA8E7 looks on a white background.

## Color Contrast Check

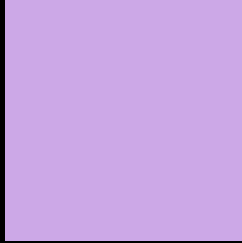
Large Text (above 18pt) WCAG AA × Fail

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 CCA8E7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

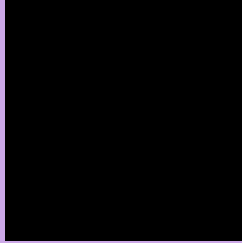
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CCA8E7 Background



This preview shows how black text looks on a background with the Hex color CCA8E7.

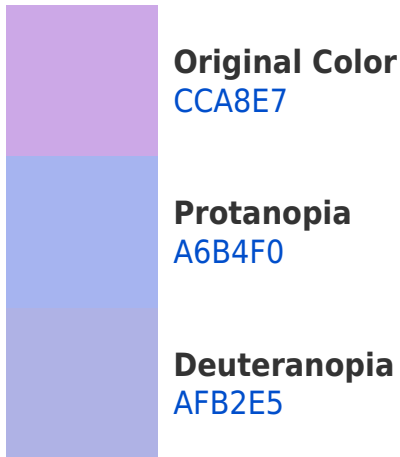



This preview shows how white text looks on a background with the Hex color CCA8E7.

# 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**  
C5B0BE

# Trichromacy



**Original Color**  
CCA8E7

**Protanomaly**  
B4B0ED

**Deuteranomaly**  
BAAEE6

**Tritanomaly**  
C8ADCD

# Monochromacy



**Original Color**  
CCA8E7

**Achromatopsia**  
BABABA

**Achromatomaly**  
C1B3CA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCA8E7 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 #CCA8E7 looks like.

```
.text, #text, p{  
    color:#CCA8E7  
}
```

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 #CCA8E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCA8E7
}
```

## Border

The CSS property to change the border of an element to Hex CCA8E7 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
#CCA8E7 }
```

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

```
.border{ border-color:#CCA8E7 }
```

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

Here you see how a box with a 4 pixel #CCA8E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCA8E7; -webkit-box-shadow:4px 4px  
4px 4px #CCA8E7; box-shadow:4px 4px 4px  
4px #CCA8E7 }
```

# Background

The CSS property to change the background color of an element to Hex CCA8E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCA8E7 }
```

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

```
.background{ background-color:#CCA8E7 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor