

# Converting Colors

Hex(CA8EE4)

Have a look what the booklet for  
Hex(CA8EE4) contains.

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# Color

**Hex(CA8EE4)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | CA8EE4                    |
| RGB           | 202, 142, 228             |
| RGB Percent   | 79%, 56%, 89%             |
| CMY           | 0.2078, 0.4431, 0.1059    |
| CMYK          | 0.11, 0.38, 0.00, 0.11    |
| HSL           | 282°, 61%, 73%            |
| HSV           | 282°, 38%, 89%            |
| XYZ           | 48.0337, 37.5040, 78.1061 |
| YIQ           | 169.7440, 8.1540, 39.4660 |

# Conversions

## Conversions Part 2

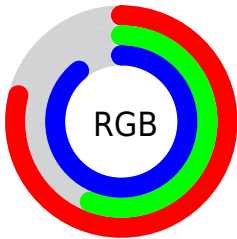
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 202, 142, 228                 |
| Decimal                             | 13274852                      |
| CIE Lab                             | 67.65, 37.69, -34.81          |
| CIE LCh                             | 68, 51.302, 317.279           |
| Yxy                                 | 37.5040, 0.2935,<br>0.2292    |
| Android<br>(android.graphics.Color) | 4291464932<br>(0xFFCA8EE4)    |
| YUV                                 | 169.7440, 28.7202,<br>28.2885 |
| Hunter-Lab                          | 61.2405, 32.8348,<br>-32.7501 |

# Details

The Hex color **CA8EE4** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A8E48E**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFC5FF**, and **935AAC** is the 20% darker color. If you saturate the color by 10%, you get **C377E4**, and if you desaturate by 10%, it is **D1A5E4**.

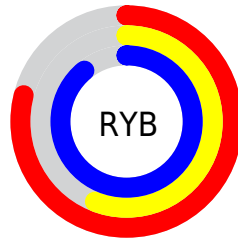
# Distribution



Red (79%)

Green (56%)

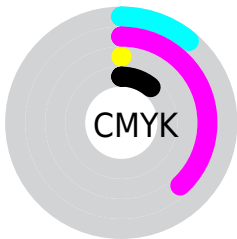
Blue (89%)



Red (79%)

Yellow (56%)

Blue (89%)

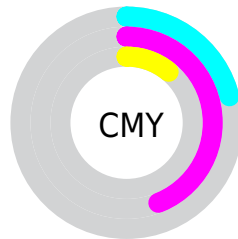


Cyan (11%)

Magenta (38%)

Yellow (0%)

Black (11%)



Cyan (21%)

Magenta (44%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA8EE4 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 CA8EE4 by changing the saturation by 10% instead.



 CA8EE4

 CA8EE4

FFFFFF

 AE74C8

 FFC5FF

 935AAC

 FFE1FF

 784291

FFFEFF

 5E2977

 44105E

 2C0046

 17002F

 000119

 000000

CA8EE4

CA8EE4

C377E4

D1A5E4

BC60E4

D8BCE4

B54AE4

DFD2E4

AE33E4

E6E9E4

A81CE4

ECFFE4

A105E4

F3FFE4

9F00E4

FAFFE4

FFFFE4

# Harmonies

## Analogous

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



87A0FD



CA8EE4



F080BB

# Triad

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



CA8EE4



D09B48



00BCBF

# Complementary

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



CA8EE4



A8E48E

# 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.



06BB8F



CA8EE4



A6AB48

# Square

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



CA8EE4



EF8A63



71B564



00B9E8

# Rectangle

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



CA8EE4



FB7D9B



71B564



00BCAF



# Sweetspot

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



CA8EE4



F7E3FF



8EA9E4



7A6F80



000000



808080



# Same Dimension

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



CA8EE4



DC8CFF



E48ED4



6F6773



7D00B3



240033



# Inverse Universe

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



E48EA8



FF8CAF



8EE49E



73676B



B30036

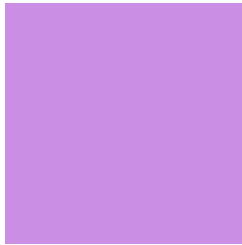


33000F



# Previews

## White Background



This preview shows how the Hex color CA8EE4 looks on a white background.

## Color Contrast Check

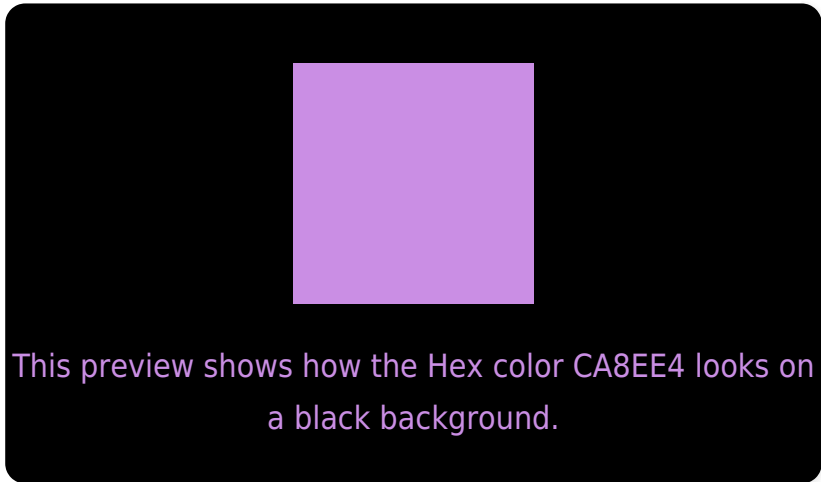
Large Text (above 18pt) WCAG AA × Fail

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

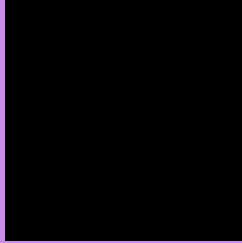
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CA8EE4 Background



This preview shows how black text looks on a background with the Hex color CA8EE4.

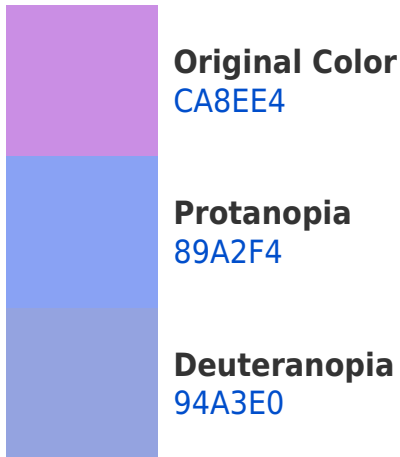


This preview shows how white text looks on a background with the Hex color CA8EE4.

# 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**  
C19BA7

# Trichromacy



**Original Color**  
CA8EE4



**Protanomaly**  
A19BEE



**Deuteranomaly**  
A89BE1



**Tritanomaly**  
C496BD

# Monochromacy



**Original Color**  
CA8EE4



**Achromatopsia**  
AAAAAA



**Achromatomaly**  
B6A0BF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA8EE4 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 #CA8EE4 looks like.

```
.text, #text, p{  
    color:#CA8EE4  
}
```

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 #CA8EE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA8EE4
}
```

## Border

The CSS property to change the border of an element to Hex CA8EE4 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
#CA8EE4 }
```

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

```
.border{ border-color:#CA8EE4 }
```

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

Here you see how a box with a 4 pixel #CA8EE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA8EE4; -webkit-box-shadow:4px 4px  
4px 4px #CA8EE4; box-shadow:4px 4px 4px  
4px #CA8EE4 }
```

# Background

The CSS property to change the background color of an element to Hex CA8EE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA8EE4 }
```

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

```
.background{ background-color:#CA8EE4 }
```

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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