

# Converting Colors

Hex(CA98EF)

Have a look what the booklet for  
Hex(CA98EF) contains.

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# Color

**Hex(CA98EF)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | CA98EF                    |
| RGB           | 202, 152, 239             |
| RGB Percent   | 79%, 60%, 94%             |
| CMY           | 0.2078, 0.4039, 0.0627    |
| CMYK          | 0.15, 0.36, 0.00, 0.06    |
| HSL           | 274°, 73%, 77%            |
| HSV           | 274°, 36%, 94%            |
| XYZ           | 51.1653, 41.2450, 86.9257 |
| YIQ           | 176.8680, 1.8730, 37.6570 |

# Conversions

## Conversions Part 2

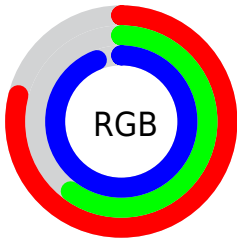
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 202, 152, 239                 |
| Decimal                             | 13277423                      |
| CIE Lab                             | 70.35, 34.55, -36.66          |
| CIE LCh                             | 70, 50.377, 313.305           |
| Yxy                                 | 41.2450, 0.2853,<br>0.2300    |
| Android<br>(android.graphics.Color) | 4291467503<br>(0xFFCA98EF)    |
| YUV                                 | 176.8680, 30.6311,<br>22.0408 |
| Hunter-Lab                          | 64.2223, 29.8204,<br>-35.2942 |

# Details

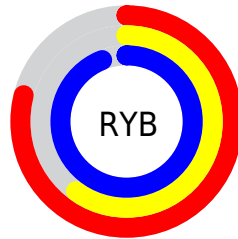
The Hex color **CA98EF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **BDEF98**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFCFFF**, and **9364B7** is the 20% darker color. If you saturate the color by 10%, you get **C080EF**, and if you desaturate by 10%, it is **D4B0EF**.

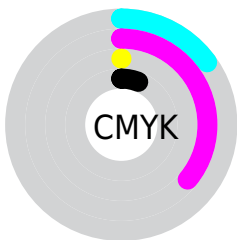
# Distribution



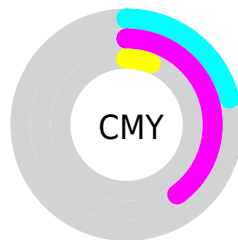
- Red (79%)
- Green (60%)
- Blue (94%)



- Red (79%)
- Yellow (60%)
- Blue (94%)



- Cyan (15%)
- Magenta (36%)
- Yellow (0%)
- Black (6%)



- Cyan (21%)
- Magenta (40%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA98EF 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 CA98EF by changing the saturation by 10% instead.



■ CA98EF

■ CA98EF

FFFFFF

■ AE7ED2

■ FFCFFF

■ 9364B7

■ FFE8FF

■ 784B9C

■ 5E3481

■ 441C68

■ 2B044F

■ 190038

■ 000221

■ 000007

CA98EF

CA98EF

C080EF

D4B0EF

B668EF

DEC8EF

AC50EF

E8E0EF

A138EF

F3F8EF

9721EF

FDFFEF

8D09EF

FFFFEF

8900EF

# Harmonies

## Analogous

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



85A AFF



CA98EF



F489C8

# Triad

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



CA98EF



DDA053



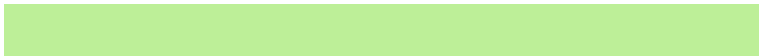
00C3C0

# Complementary

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



CA98EF



BDEF98

# 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.



37C290



CA98EF



B4B04F

# Square

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



CA98EF



F9906F



81BB67



00C1EA

# Rectangle

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



CA98EF



FF85A9



81BB67



00C3B0



# Sweetspot

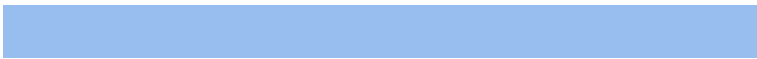
The Sweet Spot groups the original color and five complimentary colors.



CA98EF



F3E3FF



98BEEF



786F80



000000



808080



# Same Dimension

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



CA98EF



CF8FFF



EF98E9



736C78



6A00B8



200038



# Inverse Universe

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



EF98BD



FF8FBF



98EF9E



786C71



B8004E

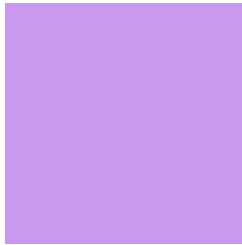


380018



# Previews

## White Background



This preview shows how the Hex color CA98EF looks on a white background.

## Color Contrast Check

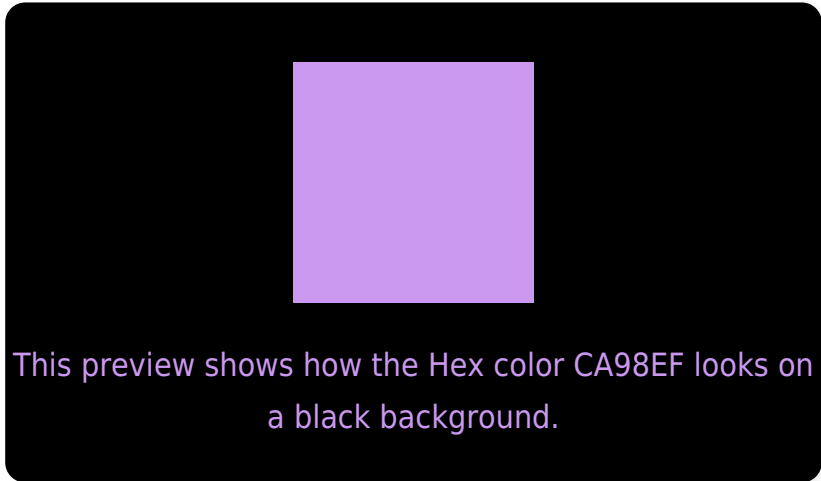
Large Text (above 18pt) WCAG AA × Fail

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 CA98EF Background



This preview shows how black text looks on a background with the Hex color CA98EF.

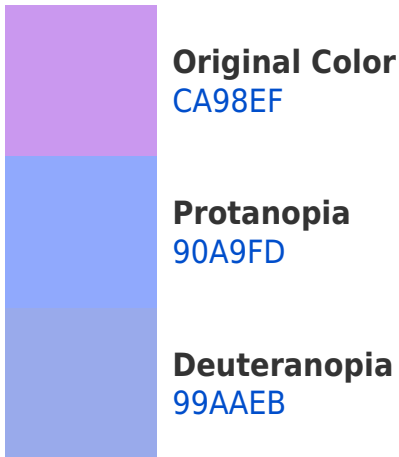


This preview shows how white text looks on a background with the Hex color CA98EF.

# Color Blindness Simulation

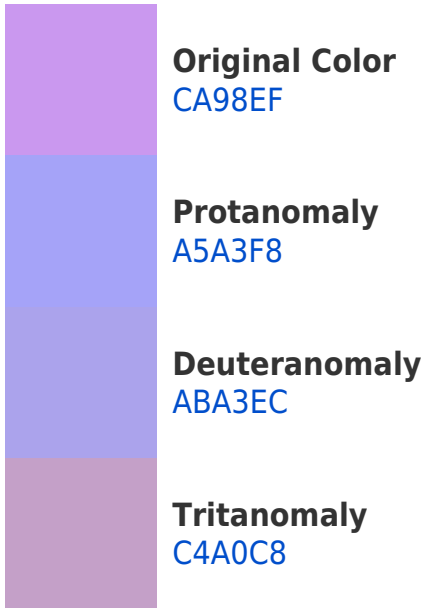
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

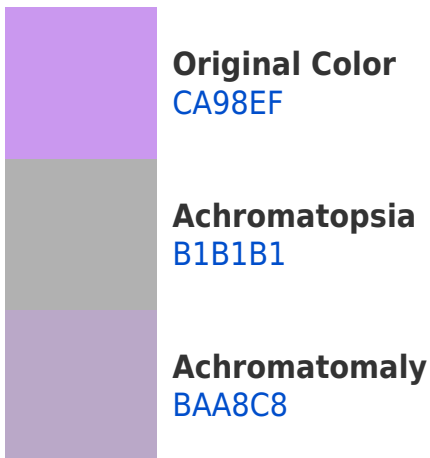




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA98EF 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 #CA98EF looks like.

```
.text, #text, p{  
    color:#CA98EF  
}
```

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 #CA98EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA98EF
}
```

## Border

The CSS property to change the border of an element to Hex CA98EF 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
#CA98EF }
```

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

```
.border{ border-color:#CA98EF }
```

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

Here you see how a box with a 4 pixel #CA98EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA98EF; -webkit-box-shadow:4px 4px  
4px 4px #CA98EF; box-shadow:4px 4px 4px  
4px #CA98EF }
```

# Background

The CSS property to change the background color of an element to Hex CA98EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA98EF }
```

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

```
.background{ background-color:#CA98EF }
```

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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