

# Converting Colors

Hex(CCC2EA)

Have a look what the booklet for  
Hex(CCC2EA) contains.

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# **Color**

**Hex(CCC2EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCC2EA
RGB	204, 194, 234
RGB Percent	80%, 76%, 92%
CMY	0.2000, 0.2392, 0.0824
CMYK	0.13, 0.17, 0.00, 0.08
HSL	255°, 49%, 84%
HSV	255°, 17%, 92%
XYZ	59.0449, 57.3615, 85.8018
YIQ	201.5500, -6.8800, 14.5600

# Conversions

## Conversions Part 2

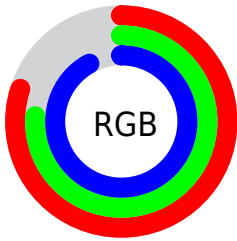
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 194, 234
Decimal	13419242
CIE <sub>Lab</sub>	80.38, 11.19, -18.56
CIE <sub>LCh</sub>	80, 21.667, 301.089
Yxy	57.3615, 0.2920, 0.2837
Android (android.graphics.Color)	4291609322 (0xFFCCC2EA)
YUV	201.5500, 15.9978, 2.1486
Hunter-Lab	75.7373, 6.6184, -14.1527

# Details

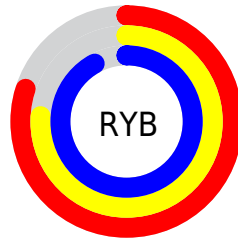
The Hex color **CCC2EA** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E0EAC2**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFAFF**, and **968CB2** is the 20% darker color. If you saturate the color by 10%, you get **BAABEA**, and if you desaturate by 10%, it is **DED9EA**.

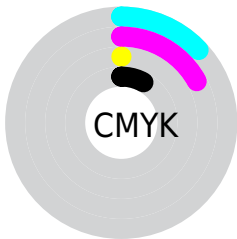
# Distribution



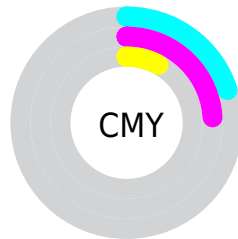
- Red (80%)
- Green (76%)
- Blue (92%)



- Red (80%)
- Yellow (76%)
- Blue (92%)



- Cyan (13%)
- Magenta (17%)
- Yellow (0%)
- Black (8%)



- Cyan (20%)
- Magenta (24%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCC2EA 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 CCC2EA by changing the saturation by 10% instead.



■ CCC2EA

■ CCC2EA

FFFFFF

■ B0A7CE

■ FFFAFF

■ 968CB2

■ 7C7397

■ 625A7D

■ 4A4364

■ 332D4C

■ 1D1835

■ 080021

■ 000005

■ CCC2EA

■ CCC2EA

■ BAABEA

■ DED9EA

■ A993EA

■ EFF1EA

■ 977CEA

■ FFFFEA

■ 8664EA

■ 744DEA

■ 6336EA

■ 511EEA

■ 4007EA

■ 3B00EA

# Harmonies

## Analogous

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



B1C9EF



CCC2EA



E2BCDB

# Triad

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



CCC2EA



E8C0A5



97D3C7

# Complementary

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



CCC2EA



E0EAC2

# 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.



A9D1B3



CCC2EA



D6C69F

# Square

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



CCC2EA



F1BBB3



C0CDA5



90D2DC

# Rectangle

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



CCC2EA



ECBACE



C0CDA5



9CD3C0



# Sweetspot

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



CCC2EA



F5F2FF



C2E0EA



7A7880



000000



808080



# Same Dimension

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



CCC2EA



D7C9FF



E0C2EA



6D6A75



2D00B5



0D0036



# Inverse Universe

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



EAC2E0



FFC9F2



CCEAC2



756A72



B50088

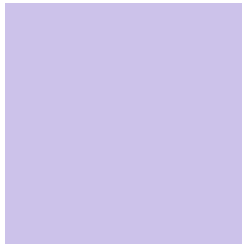


360028



# Previews

## White Background



This preview shows how the Hex color CCC2EA looks on a white background.

## Color Contrast Check

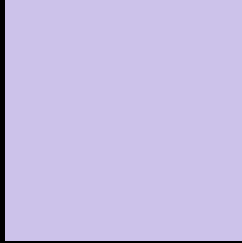
Large Text (above 18pt) WCAG AA × Fail

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 CCC2EA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

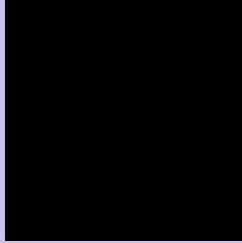
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CCC2EA Background



This preview shows how black text looks on a background with the Hex color CCC2EA.

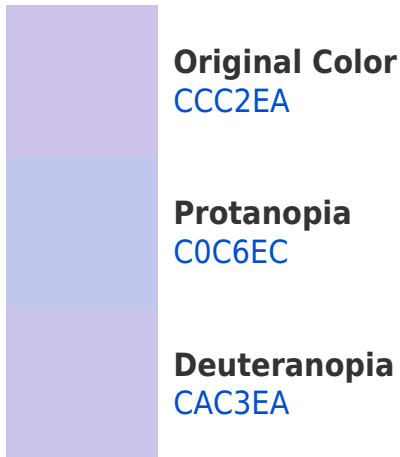


This preview shows how white text looks on a background with the Hex color CCC2EA.

# 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](#).

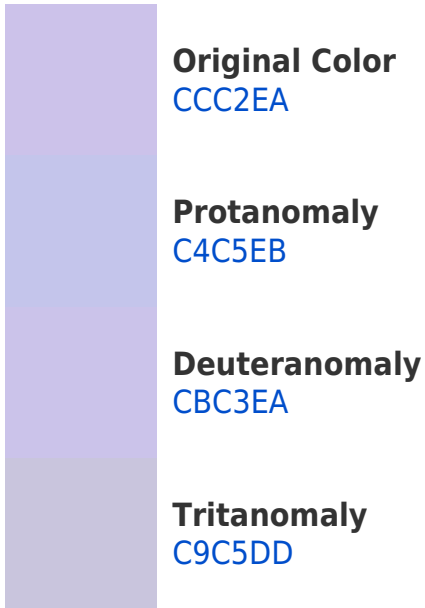
## Dichromacy



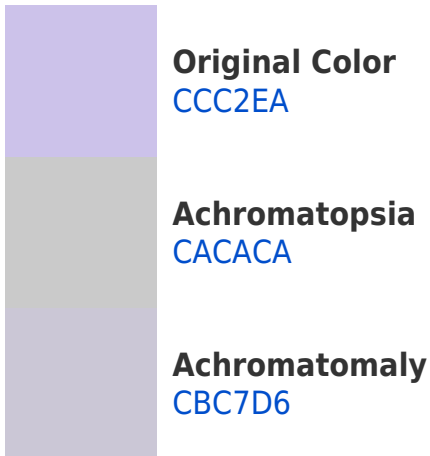


**Tritanopia**  
C8C6D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCC2EA 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 #CCC2EA looks like.

```
.text, #text, p{  
    color:#CCC2EA  
}
```

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 #CCC2EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCC2EA  
}
```

## Border

The CSS property to change the border of an element to Hex CCC2EA 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  
#CCC2EA }
```

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

```
.border{ border-color:#CCC2EA }
```

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

Here you see how a box with a 4 pixel #CCC2EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCC2EA; -webkit-box-shadow:4px 4px  
4px 4px #CCC2EA; box-shadow:4px 4px 4px  
4px #CCC2EA }
```

# Background

The CSS property to change the background color of an element to Hex CCC2EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCC2EA }
```

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

```
.background{ background-color:#CCC2EA }
```

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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