

Converting Colors

Hex(CC8EE2)

Have a look what the booklet for
Hex(CC8EE2) contains.

Hex(CC8EE2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CC8EE2)

Conversions

Conversions Part 1

Format	Color
Hex	CC8EE2
RGB	204, 142, 226
RGB Percent	80%, 56%, 89%
CMY	0.2000, 0.4431, 0.1137
CMYK	0.10, 0.37, 0.00, 0.11
HSL	284°, 59%, 72%
HSV	284°, 37%, 89%
XYZ	48.3023, 37.6744, 76.6776
YIQ	170.1140, 9.9880, 39.2680

Conversions

Conversions Part 2

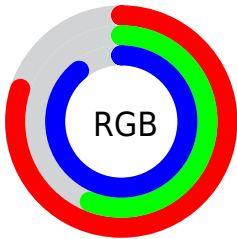
Format	Color
R_{YB}	204, 142, 226
Decimal	13405922
CIE _{Lab}	67.78, 37.89, -33.49
CIE _{LCh}	68, 50.565, 318.525
Yxy	37.6744, 0.2970, 0.2316
Android (android.graphics.Color)	4291596002 (0xFFCC8EE2)
YUV	170.1140, 27.5518, 29.7180
Hunter-Lab	61.3794, 33.0558, -31.1018

Details

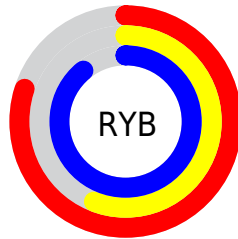
The Hex color **CC8EE2** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A4E28E**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFC5FF**, and **945AAA** is the 20% darker color. If you saturate the color by 10%, you get **C677E2**, and if you desaturate by 10%, it is **D2A5E2**.

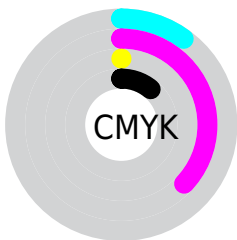
Distribution



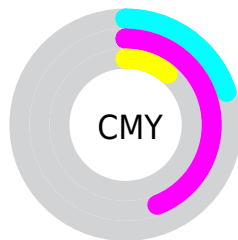
- Red (80%)
- Green (56%)
- Blue (89%)



- Red (80%)
- Yellow (56%)
- Blue (89%)



- Cyan (10%)
- Magenta (37%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (44%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC8EE2 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 CC8EE2 by changing the saturation by 10% instead.

 CC8EE2

 CC8EE2

FFFFFF

 B074C6

 FFC5FF

 945AAA

 FFE1FF

 7A4290

FFFEFF

 602976

 46105D

 2E0045

 19002E

 000118

 000000

 CC8EE2

 CC8EE2

 C677E2

 D2A5E2

 C061E2

 D8BBE2

 BA4AE2

 DED2E2

 B434E2

 E4E8E2

 AE1DE2

 EAFFE2

 A806E2

 F0FFE2

 A700E2

 F5FFE2

 FBFFE2

 FFFFE2

Harmonies

Analogous

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



8BA0FC



CC8EE2



F180B9

Triad

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



CC8EE2



CF9C4A



00BCC1

Complementary

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



CC8EE2



A4E28E

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.



05BB91



CC8EE2



A4AB4B

Square

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



CC8EE2



EE8C62



6FB666



00B8E8

Rectangle

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



CC8EE2



FA7E9A



6FB666



00BCB1

Sweetspot

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



CC8EE2



F8E3FF



8EA4E2



7B6F80



000000



808080

Same Dimension

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



CC8EE2



E18CFF



E28ECE



6D6570



8200B0



240030

Inverse Universe

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



E28EA4



FF8CAA



8EE2A2



706568



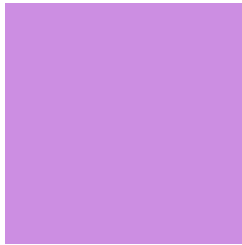
B0002E



30000D

Previews

White Background



This preview shows how the Hex color CC8EE2 looks on a white background.

Color Contrast Check

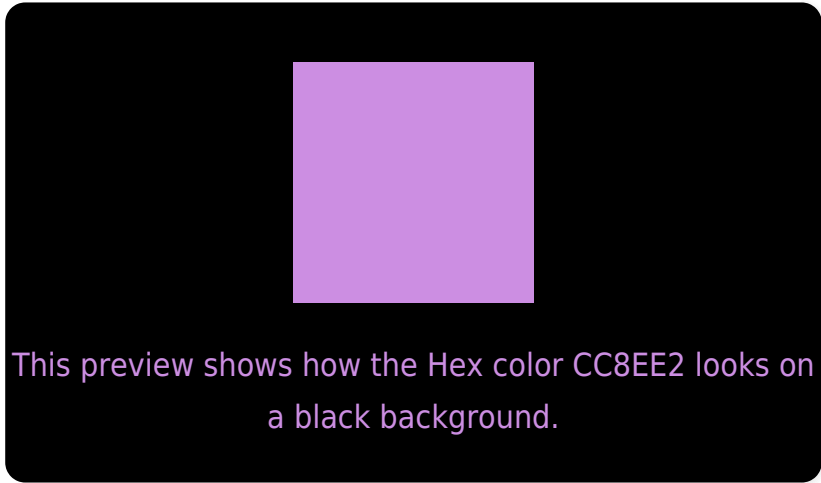
Large Text (above 18pt) WCAG AA × Fail

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

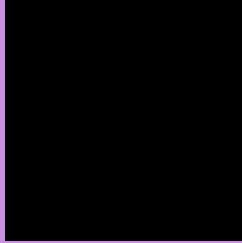
Any Text WCAG AA ✓ Pass

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 CC8EE2 Background



This preview shows how black text looks on a background with the Hex color CC8EE2.

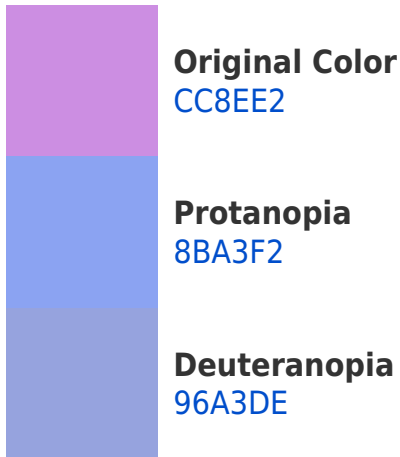


This preview shows how white text looks on a background with the Hex color CC8EE2.

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](#).

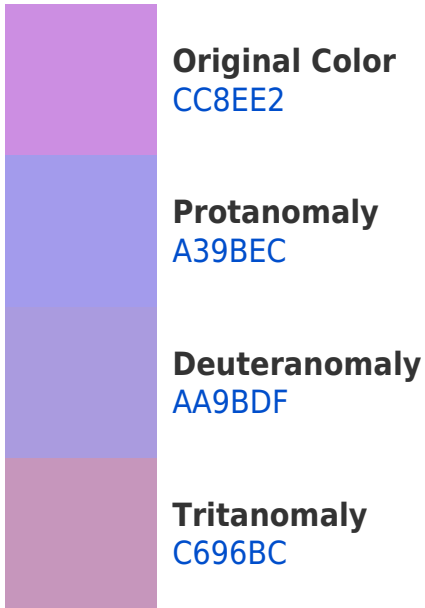
Dichromacy



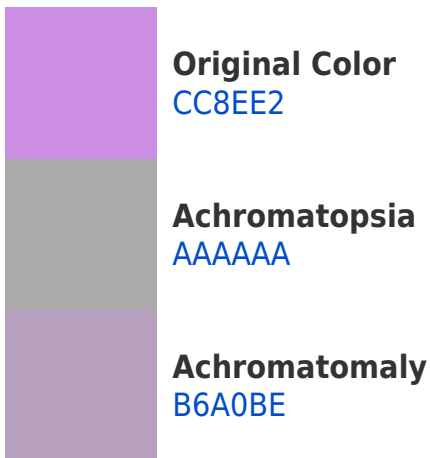


Tritanopia
C39AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CC8EE2 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 #CC8EE2 looks like.

```
.text, #text, p{  
    color:#CC8EE2  
}
```

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 #CC8EE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC8EE2
}
```

Border

The CSS property to change the border of an element to Hex CC8EE2 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
#CC8EE2 }
```

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

```
.border{ border-color:#CC8EE2 }
```

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

Here you see how a box with a 4 pixel #CC8EE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC8EE2; -webkit-box-shadow:4px 4px  
4px 4px #CC8EE2; box-shadow:4px 4px 4px  
4px #CC8EE2 }
```

Background

The CSS property to change the background color of an element to Hex CC8EE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC8EE2 }
```

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

```
.background{ background-color:#CC8EE2 }
```

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