

# Converting Colors

Hex(CC8CDC)

Have a look what the booklet for  
Hex(CC8CDC) contains.

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# Color

**Hex(CC8CDC)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | CC8CDC                     |
| RGB           | 204, 140, 220              |
| RGB Percent   | 80%, 55%, 86%              |
| CMY           | 0.2000, 0.4510, 0.1373     |
| CMYK          | 0.07, 0.36, 0.00, 0.14     |
| HSL           | 288°, 53%, 71%             |
| HSV           | 288°, 36%, 86%             |
| XYZ           | 47.1982, 36.7608, 72.3181  |
| YIQ           | 168.2560, 12.4640, 38.4480 |

# Conversions

## Conversions Part 2

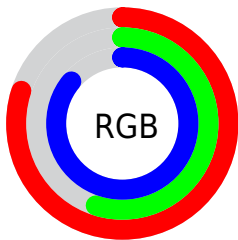
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 204, 140, 220                 |
| Decimal                             | 13405404                      |
| CIE <sub>Lab</sub>                  | 67.10, 37.77, -31.23          |
| CIE <sub>LCh</sub>                  | 67, 49.004, 320.413           |
| Yxy                                 | 36.7608, 0.3020,<br>0.2352    |
| Android<br>(android.graphics.Color) | 4291595484<br>(0xFFCC8CDC)    |
| YUV                                 | 168.2560, 25.5098,<br>31.3475 |
| Hunter-Lab                          | 60.6307, 32.8502,<br>-28.2774 |

# Details

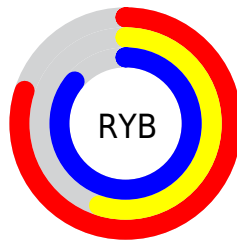
The Hex color **CC8CDC** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **9CDC8C**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFC3FF**, and **9558A5** is the 20% darker color. If you saturate the color by 10%, you get **C876DC**, and if you desaturate by 10%, it is **D0A2DC**.

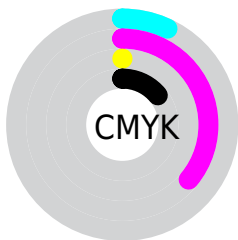
# Distribution



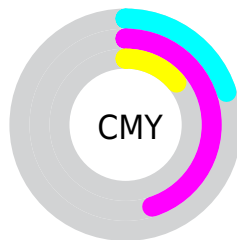
- Red (80%)
- Green (55%)
- Blue (86%)



- Red (80%)
- Yellow (55%)
- Blue (86%)



- Cyan (7%)
- Magenta (36%)
- Yellow (0%)
- Black (14%)



- Cyan (20%)
- Magenta (45%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC8CDC 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 CC8CDC by changing the saturation by 10% instead.



 CC8CDC

 CC8CDC

FFFFFF

 B072C0

 FFC3FF

 9558A5

 FFDFFF

 7A408A

 FFFCFF

 602770

 470D58

 2E0040

 18002A

 000113

 000000

 CC8CDC

 CC8CDC

 C876DC

 D0A2DC

 C360DC

 D5B8DC

 BF4ADC

 D9CEDC

 BA34DC

 DEE4DC

 B61EDC

 E2FADC

 B208DC

 E6FFDC

 B000DC

 EBFFDC

 EFFFDC

 F4FFDC

# Harmonies

## Analogous

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



909DF6



CC8CDC



EE80B3

# Triad

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



CC8CDC



CA9C4A



00BAC1

# Complementary

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



CC8CDC



9CDC8C

# 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.



02B993



CC8CDC



A0AA4D

# Square

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



CC8CDC



E88C61



6CB469



00B6E6

# Rectangle

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



CC8CDC



F67E96



6CB469



00BAB2



# Sweetspot

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



CC8CDC



F9E3FF



8C9CDC



7C6F80



000000



808080



# Same Dimension

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



CC8CDC



E98FFF



DC8CC4



6B636E



8B00AD



25002E



# Inverse Universe

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



DC8C9C



FF8FA5



8CDCA4



6E6365



AD0023

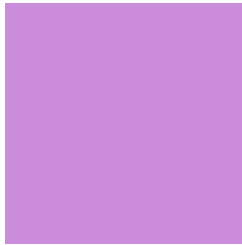


2E0009



# Previews

## White Background



This preview shows how the Hex color CC8CDC looks on a white background.

## Color Contrast Check

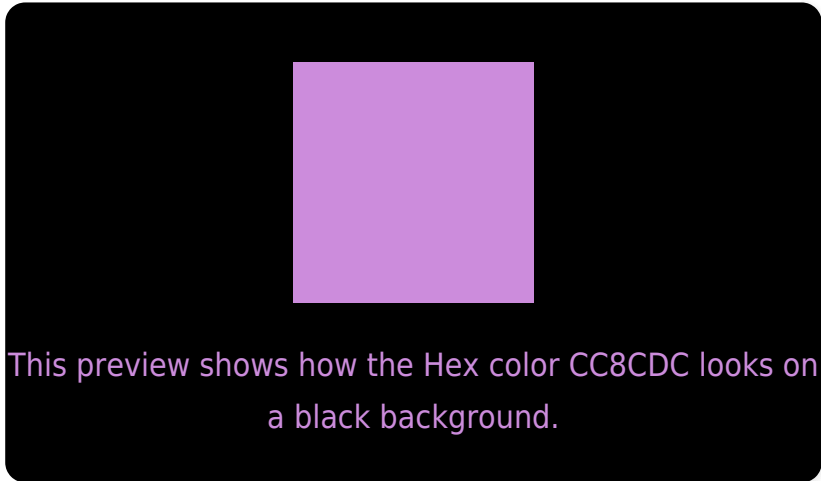
Large Text (above 18pt) WCAG AA × Fail

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

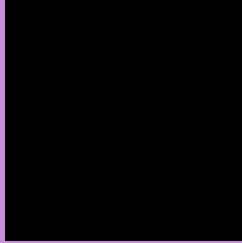
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CC8CDC Background



This preview shows how black text looks on a background with the Hex color CC8CDC.

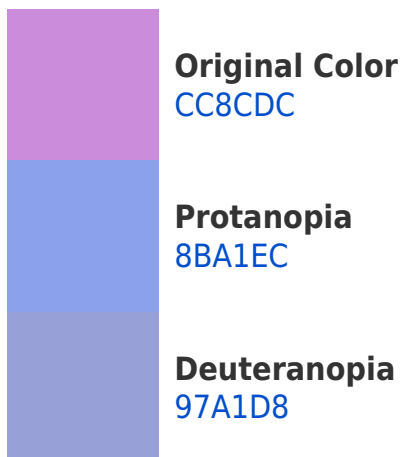


This preview shows how white text looks on a background with the Hex color CC8CDC.

# 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**  
C498A3

# Trichromacy



**Original Color**  
CC8CDC



**Protanomaly**  
A399E6



**Deuteranomaly**  
AA99D9



**Tritanomaly**  
C794B8

# Monochromacy



**Original Color**  
CC8CDC



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
B59EBB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC8CDC 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 #CC8CDC looks like.

```
.text, #text, p{  
    color:#CC8CDC  
}
```

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 #CC8CDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC8CDC
}
```

## Border

The CSS property to change the border of an element to Hex CC8CDC is called "border". The border property can be set on classes, ids or directly on the HTML element.

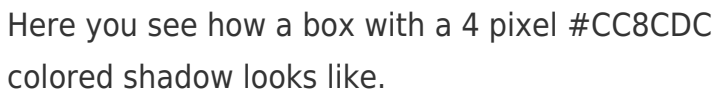
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CC8CDC }
```

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

```
.border{ border-color:#CC8CDC }
```

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



Here you see how a box with a 4 pixel `#CC8CDC` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC8CDC; -webkit-box-shadow:4px 4px  
4px 4px #CC8CDC; box-shadow:4px 4px 4px  
4px #CC8CDC }
```

# Background

The CSS property to change the background color of an element to Hex CC8CDC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC8CDC }
```

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

```
.background{ background-color:#CC8CDC }
```

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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