

Converting Colors

Hex(CC8DCC)

Have a look what the booklet for
Hex(CC8DCC) contains.

Hex(CC8DCC)	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(CC8DCC)

Conversions

Conversions Part 1

Format	Color
Hex	CC8DCC
RGB	204, 141, 204
RGB Percent	80%, 55%, 80%
CMY	0.2000, 0.4471, 0.2000
CMYK	0.00, 0.31, 0.00, 0.20
HSL	300°, 38%, 68%
HSV	300°, 31%, 80%
XYZ	45.3258, 36.2468, 61.7341
YIQ	167.0190, 17.3250, 32.9490

Conversions

Conversions Part 2

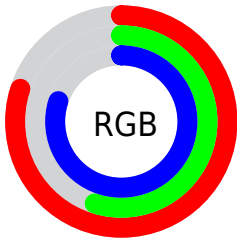
Format	Color
RYB	204, 141, 204
Decimal	13405644
CIELab	66.71, 34.14, -22.93
CIElCh	67, 41.124, 326.106
Yxy	36.2468, 0.3163, 0.2529
Android (android.graphics.Color)	4291595724 (0xFFCC8DCC)
YUV	167.0190, 18.2316, 32.4323
Hunter-Lab	60.2053, 29.0252, -18.6519

Details

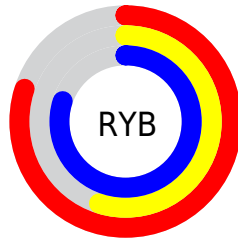
The Hex color **CC8DCC** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8DCC8D**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFC3FF**, and **955A96** is the 20% darker color. If you saturate the color by 10%, you get **CC79CC**, and if you desaturate by 10%, it is **CCA1CC**.

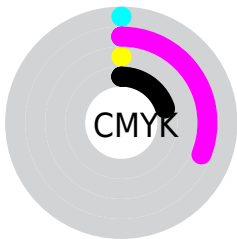
Distribution



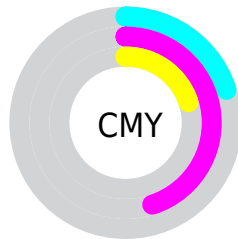
- Red (80%)
- Green (55%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (31%)
- Yellow (0%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color CC8DCC 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 CC8DCC by changing the saturation by 10% instead.

 CC8DCC

 CC8DCC

FFFFFF

 B073B0

 FFC3FF

 955A96

 FFE0FF

 7A417C

 FFFDFD

 602963

 48104B

 300034

 19001E

 000000

 CC8DCC

 CC8DCC

 CC79CC

 CCA1CC

 CC64CC

 CCB6CC

 CC50CC

 CCCACC

 CC3BCC

 CCDFCC

 CC27CC

 CCF3CC

 CC13CC

 CCFFCC

 CC00CC

Harmonies

Analogous

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



9F9AE5



CC8DCC



E585A9

Triad

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



CC8DCC



BE9E58



00B5C2

Complementary

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



CC8DCC



8DCC8D

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.



31B59C



CC8DCC



99AA5E

Square

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



CC8DCC



DA9166



6DB278



00B1DF

Rectangle

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



CC8DCC



EA8590



6DB278



00B6B6

Sweetspot

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



CC8DCC



FFE8FF



8D8DCC



807180



000000



808080

Same Dimension

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



CC8DCC



FFA1FF



CC8DAD



665C66



A600A6



260026

Inverse Universe

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



CC8DCC



FFA1FF



8DCCAD



665C66



A600A6



260026

Previews

White Background



This preview shows how the Hex color CC8DCC looks on a white background.

Color Contrast Check

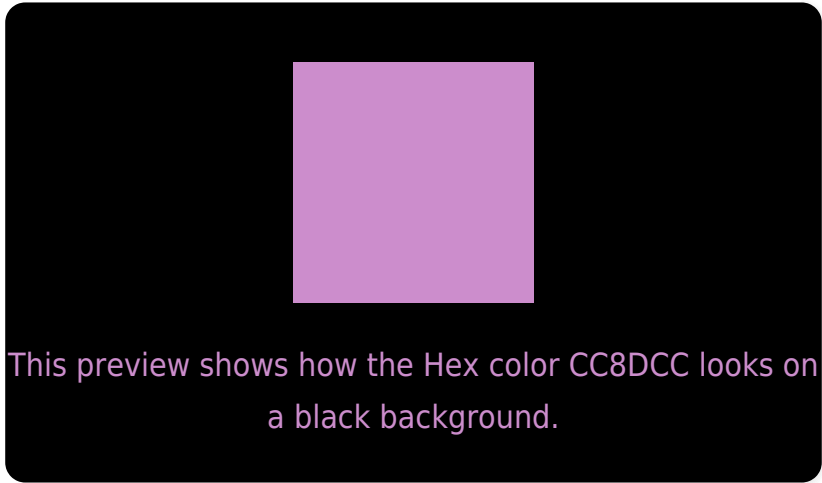
Large Text (above 18pt) WCAG AA × Fail

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

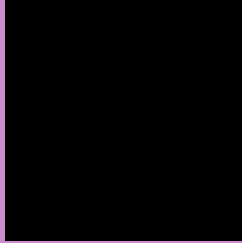
Any Text WCAG AA ✓ Pass

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 CC8DCC Background



This preview shows how black text looks on a background with the Hex color CC8DCC.

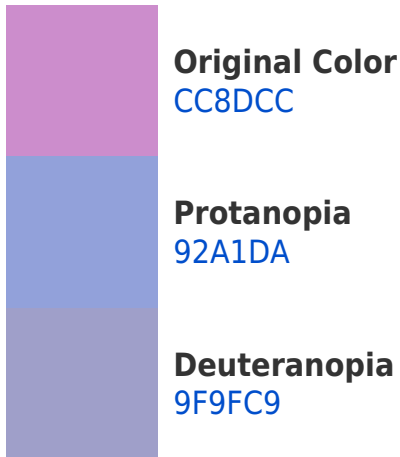


This preview shows how white text looks on a background with the Hex color CC8DCC.

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](#).

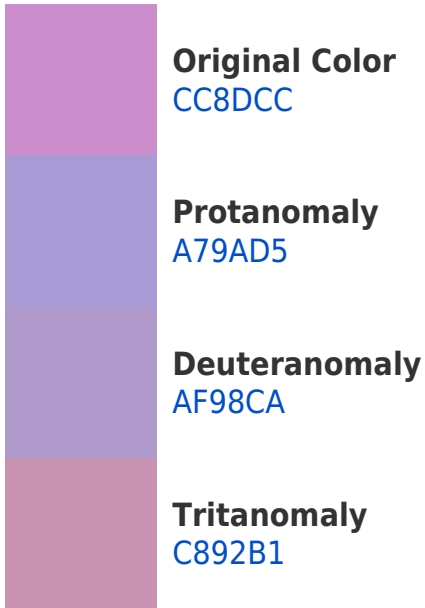
Dichromacy



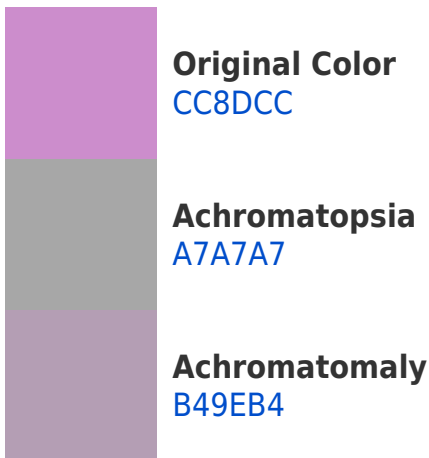


Tritanopia
C695A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CC8DCC 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 #CC8DCC looks like.

```
.text, #text, p{  
    color:#CC8DCC  
}
```

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 #CC8DCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC8DCC
}
```

Border

The CSS property to change the border of an element to Hex CC8DCC 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
#CC8DCC }
```

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

```
.border{ border-color:#CC8DCC }
```

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

Here you see how a box with a 4 pixel #CC8DCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC8DCC; -webkit-box-shadow:4px 4px  
4px 4px #CC8DCC; box-shadow:4px 4px 4px  
4px #CC8DCC }
```

Background

The CSS property to change the background color of an element to Hex CC8DCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC8DCC }
```

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

```
.background{ background-color:#CC8DCC }
```

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