

Converting Colors

Hex(CD8CEE)

Have a look what the booklet for
Hex(CD8CEE) contains.

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Color

Hex(CD8CEE)

Conversions

Conversions Part 1

Format	Color
Hex	CD8CEE
RGB	205, 140, 238
RGB Percent	80%, 55%, 93%
CMY	0.1961, 0.4510, 0.0667
CMYK	0.14, 0.41, 0.00, 0.07
HSL	280°, 74%, 74%
HSV	280°, 41%, 93%
XYZ	49.9875, 37.9083, 85.5713
YIQ	170.6070, 7.2820, 44.2580

Conversions

Conversions Part 2

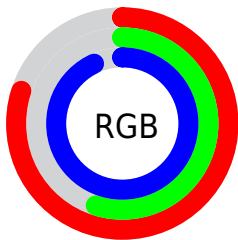
Format	Color
R _Y B	205, 140, 238
Decimal	13470958
CIE Lab	67.95, 41.73, -39.82
CIE LCh	68, 57.678, 316.340
Yxy	37.9083, 0.2882, 0.2185
Android (android.graphics.Color)	4291661038 (0xFFCD8CEE)
YUV	170.6070, 33.2247, 30.1627
Hunter-Lab	61.5698, 37.1743, -39.3040

Details

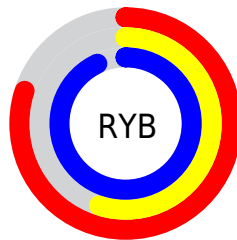
The Hex color **CD8CEE** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **ADEE8C**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFC3FF**, and **9558B6** is the 20% darker color. If you saturate the color by 10%, you get **C574EE**, and if you desaturate by 10%, it is **D5A4EE**.

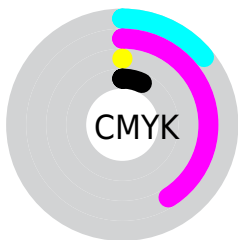
Distribution



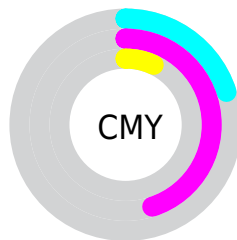
- Red (80%)
- Green (55%)
- Blue (93%)



- Red (80%)
- Yellow (55%)
- Blue (93%)



- Cyan (14%)
- Magenta (41%)
- Yellow (0%)
- Black (7%)



- Cyan (20%)
- Magenta (45%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD8CEE 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 CD8CEE by changing the saturation by 10% instead.

 CD8CEE

 CD8CEE

FFFFFF

 B172D1

 FFC3FF

 9558B6

 FFDFFF

 7A3F9B

 FFFCFF

 602680

 460B67

 2C004E

 170037

 000220

 000004

 CD8CEE

 CD8CEE

 C574EE

 D5A4EE

 BD5CEE

 DDBCEE

 B545EE

 E5D3EE

 AD2DEE

 EDEBEE

 A515EE

 F5FFEE

 9E00EE

 FDFEE

 FFFFEE

Harmonies

Analogous

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



7DA1FF



CD8CEE



F97AC0

Triad

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



CD8CEE



D69A3C



00BFC1

Complementary

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



CD8CEE



ADEE8C

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.



00BE8B



CD8CEE



A7AC3A

Square

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



CD8CEE



F8865C



6BB75A



00BCF0

Rectangle

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



CD8CEE



FF779D



6BB75A



00BFAF

Sweetspot

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



CD8CEE



F5E0FF



8CAEEE



796E80



000000



808080

Same Dimension

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



CD8CEE



D582FF



EE8CDF



746C78



7A00B8



250038

Inverse Universe

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



EE8CAD



FF82AC



8CEE9B



786C70



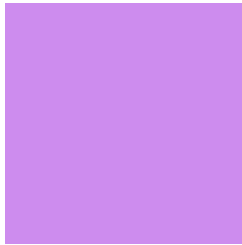
B8003E



380013

Previews

White Background



This preview shows how the Hex color CD8CEE looks on a white background.

Color Contrast Check

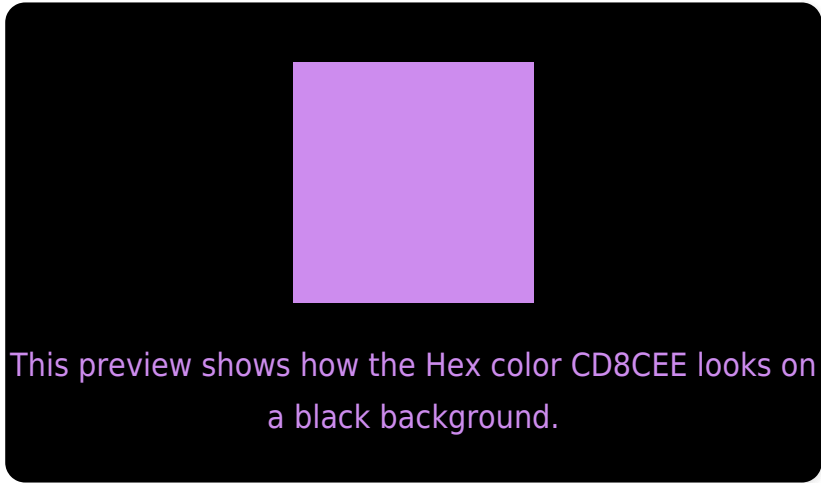
Large Text (above 18pt) WCAG AA × Fail

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 CD8CEE Background



This preview shows how black text looks on a background with the Hex color CD8CEE.

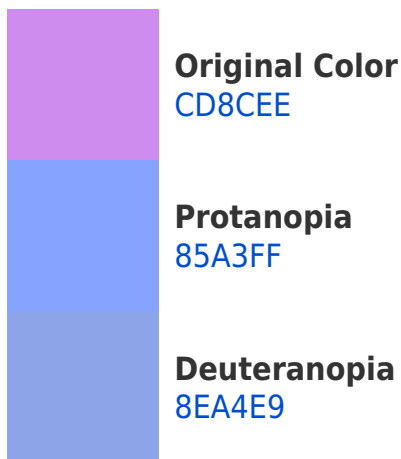


This preview shows how white text looks on a background with the Hex color CD8CEE.

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
C29BA7

Trichromacy



Original Color
CD8CEE



Protanomaly
9F9BF9



Deuteranomaly
A59BEB



Tritanomaly
C696C1

Monochromacy



Original Color
CD8CEE



Achromatopsia
ABABAB



Achromatomaly
B7A0C3

CSS Examples

Text

The CSS property to change the color of the text to Hex CD8CEE 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 #CD8CEE looks like.

```
.text, #text, p{  
    color:#CD8CEE  
}
```

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 #CD8CEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD8CEE
}
```

Border

The CSS property to change the border of an element to Hex CD8CEE 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
#CD8CEE }
```

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

```
.border{ border-color:#CD8CEE }
```

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

Here you see how a box with a 4 pixel #CD8CEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD8CEE; -webkit-box-shadow:4px 4px  
4px 4px #CD8CEE; box-shadow:4px 4px 4px  
4px #CD8CEE }
```

Background

The CSS property to change the background color of an element to Hex CD8CEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD8CEE }
```

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

```
.background{ background-color:#CD8CEE }
```

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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