

Converting Colors

Hex(CD8AE8)

Have a look what the booklet for
Hex(CD8AE8) contains.

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Color

Hex(CD8AE8)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | CD8AE8 |
| RGB | 205, 138, 232 |
| RGB Percent | 80%, 54%, 91% |
| CMY | 0.1961, 0.4588, 0.0902 |
| CMYK | 0.12, 0.41, 0.00, 0.09 |
| HSL | 283°, 67%, 73% |
| HSV | 283°, 41%, 91% |
| XYZ | 48.8308, 36.9823, 80.9086 |
| YIQ | 168.7490, 9.7580, 43.4380 |

Conversions

Conversions Part 2

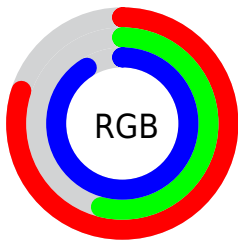
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 205, 138, 232 |
| Decimal | 13470440 |
| CIE Lab | 67.26, 41.56, -37.59 |
| CIE LCh | 67, 56.041, 317.870 |
| Yxy | 36.9823, 0.2929, 0.2218 |
| Android (android.graphics.Color) | 4291660520 (0xFFCD8AE8) |
| YUV | 168.7490, 31.1827, 31.7921 |
| Hunter-Lab | 60.8131, 36.9065, -36.3131 |

Details

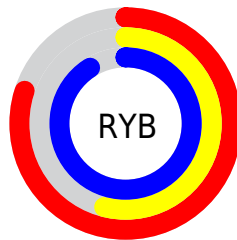
The Hex color **CD8AE8** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A5E88A**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFC1FF**, and **9556B0** is the 20% darker color. If you saturate the color by 10%, you get **C673E8**, and if you desaturate by 10%, it is **D4A1E8**.

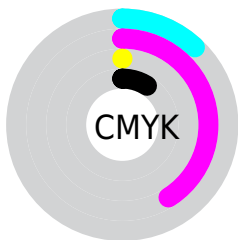
Distribution



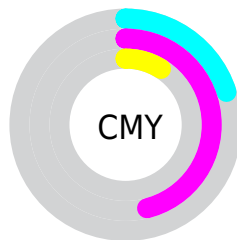
- Red (80%)
- Green (54%)
- Blue (91%)



- Red (80%)
- Yellow (54%)
- Blue (91%)



- Cyan (12%)
- Magenta (41%)
- Yellow (0%)
- Black (9%)



- Cyan (20%)
- Magenta (46%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD8AE8 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 CD8AE8 by changing the saturation by 10% instead.

 CD8AE8

 CD8AE8

FFFFFF

 B170CC

 FFC1FF

 9556B0

 FFDDFF


 7A3D95

 FFFAFF

 60247B

 460862

 2D0049

 170032

 00021C

 000000

CD8AE8

CD8AE8

C673E8

D4A1E8

C05CE8

DAB8E8

B944E8

E1D0E8

B22DE8

E8E7E8

AC16E8

EEFEE8

A500E8

F5FFE8

FCFFE8

FFFFE8

Harmonies

Analogous

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



829FFF



CD8AE8



F67ABA

Triad

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



CD8AE8



D19A3D



00BDC1

Complementary

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



CD8AE8



A5E88A

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.



00BB8D



CD8AE8



A3AA3D

Square

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



CD8AE8



F3875B



68B65D



00B9EE

Rectangle

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



CD8AE8



FF7798



68B65D



00BDB0

Sweetspot

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



CD8AE8



F6E0FF



8AA6E8



7A6E80



000000



808080

Same Dimension

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



CD8AE8



DB82FF



E88AD5



6F6773



7F00B3



240033

Inverse Universe

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



E88AA5



FF82A6



8AE89D



73676B



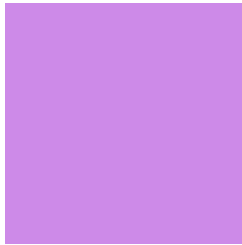
B30033



33000F

Previews

White Background



This preview shows how the Hex color CD8AE8 looks on a white background.

Color Contrast Check

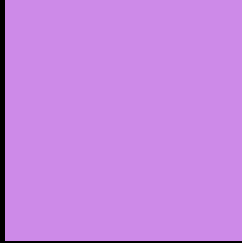
Large Text (above 18pt) WCAG AA × Fail

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 CD8AE8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

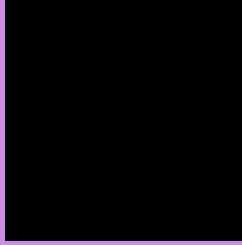
Any Text WCAG AA ✓ Pass

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 CD8AE8 Background



This preview shows how black text looks on a background with the Hex color CD8AE8.

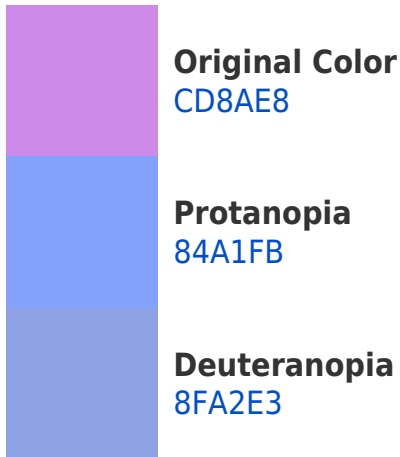


This preview shows how white text looks on a background with the Hex color CD8AE8.

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
C399A4

Trichromacy



Original Color
CD8AE8



Protanomaly
9F99F4



Deuteranomaly
A699E5



Tritanomaly
C794BD

Monochromacy



Original Color
CD8AE8



Achromatopsia
A9A9A9



Achromatomaly
B69EC0

CSS Examples

Text

The CSS property to change the color of the text to Hex CD8AE8 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 #CD8AE8 looks like.

```
.text, #text, p{  
    color:#CD8AE8  
}
```

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 #CD8AE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD8AE8  
}
```

Border

The CSS property to change the border of an element to Hex CD8AE8 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  
#CD8AE8 }
```

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

```
.border{ border-color:#CD8AE8 }
```

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

Here you see how a box with a 4 pixel #CD8AE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD8AE8; -webkit-box-shadow:4px 4px  
4px 4px #CD8AE8; box-shadow:4px 4px 4px  
4px #CD8AE8 }
```

Background

The CSS property to change the background color of an element to Hex CD8AE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD8AE8 }
```

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

```
.background{ background-color:#CD8AE8 }
```

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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