

Converting Colors

Hex(CE8BDE)

Have a look what the booklet for
Hex(CE8BDE) contains.

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Color

Hex(CE8BDE)

Conversions

Conversions Part 1

Format	Color
Hex	CE8BDE
RGB	206, 139, 222
RGB Percent	81%, 55%, 87%
CMY	0.1922, 0.4549, 0.1294
CMYK	0.07, 0.37, 0.00, 0.13
HSL	288°, 56%, 71%
HSV	288°, 37%, 87%
XYZ	47.8710, 36.8610, 73.6990
YIQ	168.4950, 13.2890, 40.0170

Conversions

Conversions Part 2

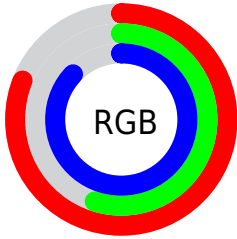
Format	Color
R _Y B	206, 139, 222
Decimal	13536222
CIE Lab	67.17, 39.31, -32.20
CIE LCh	67, 50.818, 320.679
Yxy	36.8610, 0.3022, 0.2327
Android (android.graphics.Color)	4291726302 (0xFFCE8BDE)
YUV	168.4950, 26.3780, 32.8919
Hunter-Lab	60.7132, 34.4951, -29.4721

Details

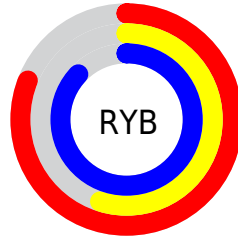
The Hex color **CE8BDE** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **9BDE8B**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFC2FF**, and **9657A7** is the 20% darker color. If you saturate the color by 10%, you get **CA75DE**, and if you desaturate by 10%, it is **D2A1DE**.

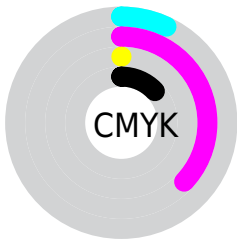
Distribution



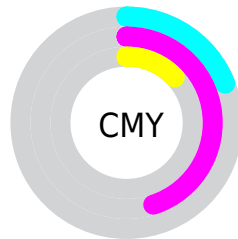
- Red (81%)
- Green (55%)
- Blue (87%)



- Red (81%)
- Yellow (55%)
- Blue (87%)



- Cyan (7%)
- Magenta (37%)
- Yellow (0%)
- Black (13%)



- Cyan (19%)
- Magenta (45%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE8BDE 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 CE8BDE by changing the saturation by 10% instead.

 CE8BDE

 CE8BDE

FFFFFF

 B271C2


 FFC2FF

 9657A7

 FFDEFF

 7C3E8C

 FFFBFF

 612672

 480B59

 2F0041

 1A002B

 000115

 000000

 CE8BDE

 CE8BDE

 CA75DE

 D2A1DE

 C55FDE

 D7B7DE

 C148DE

 DBCEDDE

 BD32DE

 DFE4DE

 B91CDE

 E3FADE

 B406DE

 E8FFDE

 B300DE

 ECFFDE

 F0FFDE

 F5FFDE

Harmonies

Analogous

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



8F9DF9



CE8BDE



F17EB4

Triad

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



CE8BDE



CA9C47



00BAC2

Complementary

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



CE8BDE



9BDE8B

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.



00BA93



CE8BDE



9FAB4A

Square

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



CE8BDE



EA8B5E



69B567



00B6E9

Rectangle

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



CE8BDE



F97C95



69B567



00BBB3

Sweetspot

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



CE8BDE



FAE3FF



8B9CDE



7C6F80



000000



808080

Same Dimension

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



CE8BDE



E98CFF



DE8BC5



6E6570



8E00B0



270030

Inverse Universe

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



DE8B9B



FF8CA2



8BDEA4



706567



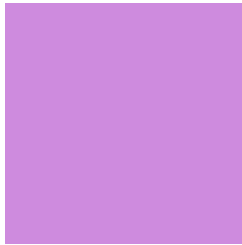
B00022



300009

Previews

White Background



This preview shows how the Hex color CE8BDE looks on a white background.

Color Contrast Check

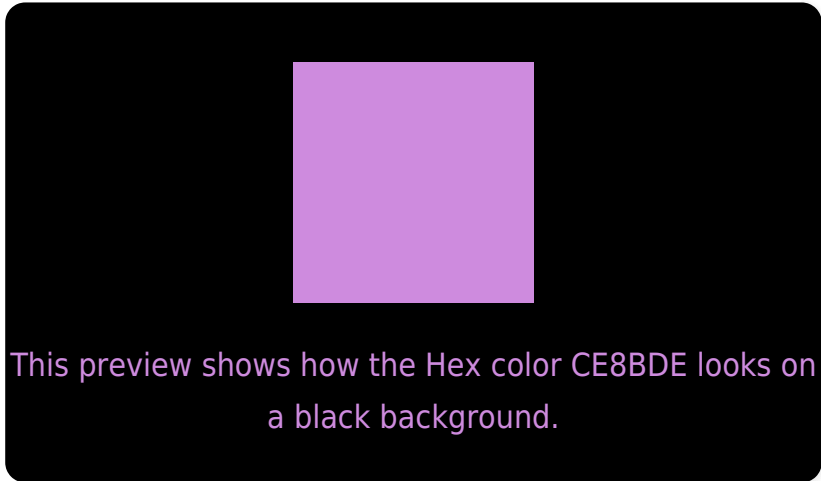
Large Text (above 18pt) WCAG AA × Fail

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

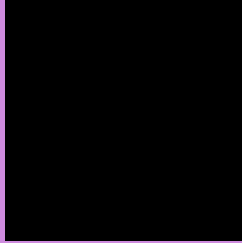
Any Text WCAG AA ✓ Pass

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 CE8BDE Background



This preview shows how black text looks on a background with the Hex color CE8BDE.

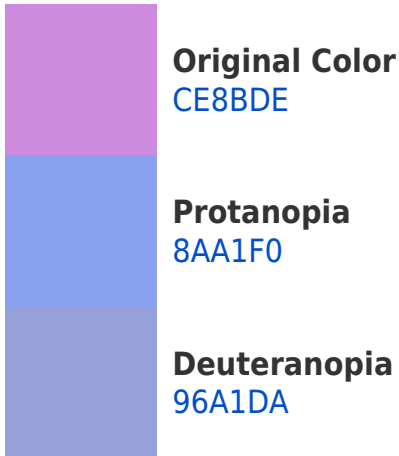


This preview shows how white text looks on a background with the Hex color CE8BDE.

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
C697A3

Trichromacy



Original Color
CE8BDE



Protanomaly
A399E9



Deuteranomaly
AA99DB



Tritanomaly
C993B8

Monochromacy



Original Color
CE8BDE



Achromatopsia
A8A8A8



Achromatomaly
B69DBC

CSS Examples

Text

The CSS property to change the color of the text to Hex CE8BDE 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 #CE8BDE looks like.

```
.text, #text, p{  
    color:#CE8BDE  
}
```

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 #CE8BDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE8BDE
}
```

Border

The CSS property to change the border of an element to Hex CE8BDE 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
#CE8BDE }
```

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

```
.border{ border-color:#CE8BDE }
```

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

Here you see how a box with a 4 pixel #CE8BDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE8BDE; -webkit-box-shadow:4px 4px  
4px 4px #CE8BDE; box-shadow:4px 4px 4px  
4px #CE8BDE }
```

Background

The CSS property to change the background color of an element to Hex CE8BDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE8BDE }
```

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

```
.background{ background-color:#CE8BDE }
```

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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