

Converting Colors

Hex(CEADEB)

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

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Color

Hex(CEADEB)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CEADEB |
| RGB | 206, 173, 235 |
| RGB Percent | 81%, 68%, 92% |
| CMY | 0.1922, 0.3216, 0.0784 |
| CMYK | 0.12, 0.26, 0.00, 0.08 |
| HSL | 272°, 61%, 80% |
| HSV | 272°, 26%, 92% |
| XYZ | 55.3926, 49.0071, 85.1371 |
| YIQ | 189.9350, -0.2340, 26.2780 |

Conversions

Conversions Part 2

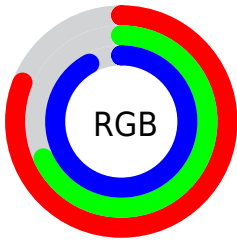
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 206, 173, 235 |
| Decimal | 13544939 |
| CIE Lab | 75.46, 23.44, -26.57 |
| CIE LCh | 75, 35.432, 311.417 |
| Yxy | 49.0071, 0.2923, 0.2586 |
| Android (android.graphics.Color) | 4291735019 (0xFFCEADEB) |
| YUV | 189.9350, 22.2170, 14.0890 |
| Hunter-Lab | 70.0051, 18.7319, -23.1023 |

Details

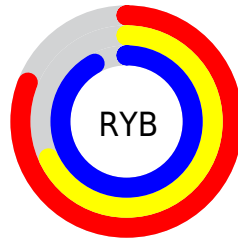
The Hex color **CEADEB** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **CAEBAD**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFE5FF**, and **9778B3** is the 20% darker color. If you saturate the color by 10%, you get **C395EB**, and if you desaturate by 10%, it is **D9C5EB**.

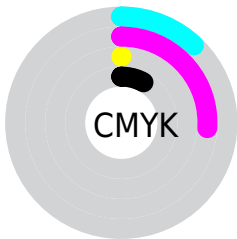
Distribution



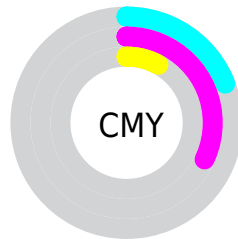
- Red (81%)
- Green (68%)
- Blue (92%)



- Red (81%)
- Yellow (68%)
- Blue (92%)



- Cyan (12%)
- Magenta (26%)
- Yellow (0%)
- Black (8%)



- Cyan (19%)
- Magenta (32%)
- Yellow (8%)

Brightness & Saturation Gradients

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

 CEADEB

 CEADEB

FFFFFF

 B292CF

 FFE5FF

 9778B3

 7D5F98

 63477E

 4A3065

 331B4D

 1C0436

 000020

 000004

 #CEADEB

 #CEADEB

 #C395EB

 #D9C5EB

 #B87EEB

 #E4DCEB

 #AD67EB

 #EFF4EB

 #A24FEB

 #FAFFEB

 #9738EB

 #FFFFEB

 #8C20EB

 #8109EB

 #7D00EB

Harmonies

Analogous

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



A1B9FA



CEADEB



EDA4CF

Triad

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



CEADEF



E2B17C



54CCC6

Complementary

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



CEADEB



CAEBAD

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.



78CAA4



CEADEB



C4BC79

Square

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



CEADEB



F6A790



A0C588



4AC9E4

Rectangle

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



CEADEF



F8A1BA



A0C588



5FCCBA

Sweetspot

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



CEADEV



F5EBFF



ADCBEB



7A7380



000000



808080

Same Dimension

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



CEADEV



D9ADFF



EBADEA



706A75



6000B5



1D0036

Inverse Universe

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



EBADCA



FFADD4



ADEBAE



756A6F



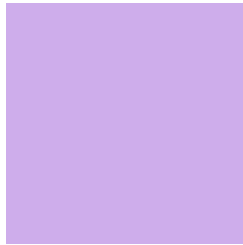
B50055



360019

Previews

White Background



This preview shows how the Hex color CE4DEB looks on a white background.

Color Contrast Check

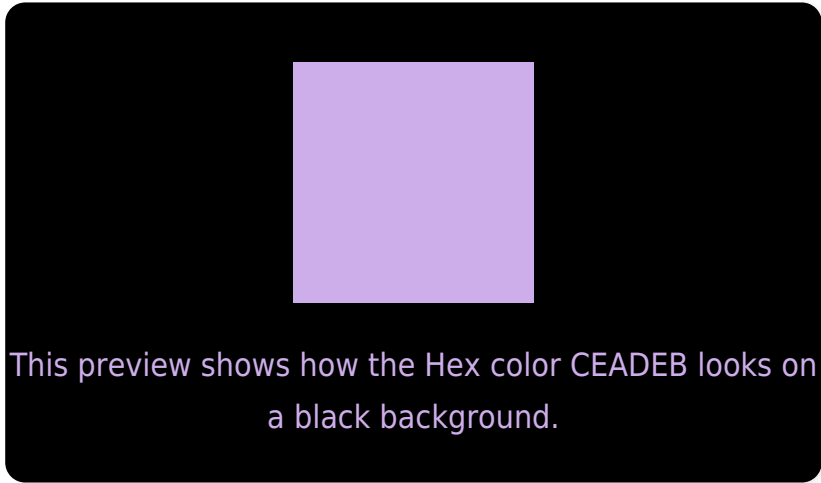
Large Text (above 18pt) WCAG AA × Fail

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

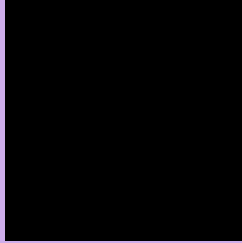
Any Text WCAG AA ✓ Pass

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 CEAD EB Background



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

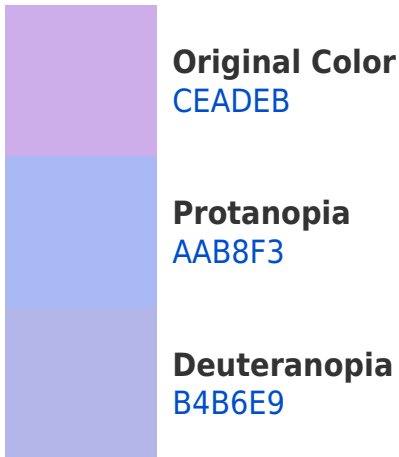


This preview shows how white text looks on a background with the Hex color CEAD EB.

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
C8B5C3

Trichromacy



Original Color
CEADEF

Protanomaly
B7B4F0

Deuteranomaly
BDB3EA

Tritanomaly
CAB2D2

Monochromacy



Original Color
CEADEF

Achromatopsia
BEBEBE

Achromatomaly
C4B8CE

CSS Examples

Text

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

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

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 #CEADEB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

The CSS property to change the background color of an element to Hex CE4DEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE4DEB }
```

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

```
.background{ background-color:#CE4DEB }
```

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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