

# Converting Colors

Hex(CDAECE)

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

<b>Hex(CDAECE)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(CDAECE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDAECE
RGB	205, 174, 206
RGB Percent	80%, 68%, 81%
CMY	0.1961, 0.3176, 0.1922
CMYK	0.00, 0.16, 0.00, 0.19
HSL	298°, 25%, 75%
HSV	298°, 16%, 81%
XYZ	51.4535, 47.7075, 64.8891
YIQ	186.9170, 8.2040, 16.5240

# Conversions

## Conversions Part 2

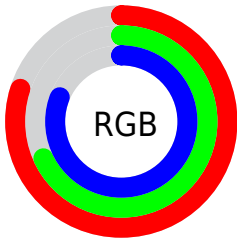
Format	Color
R <sub>YB</sub>	205, 174, 206
Decimal	13479630
CIE Lab	74.64, 16.81, -12.03
CIE LCh	75, 20.672, 324.412
Yxy	47.7075, 0.3136, 0.2908
Android (android.graphics.Color)	4291669710 (0xFFCDAECE)
YUV	186.9170, 9.4079, 15.8588
Hunter-Lab	69.0706, 12.0983, -7.3512

# Details

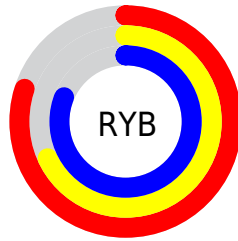
The Hex color **CDAECE** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **AFCEAE**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFE6FF**, and **977998** is the 20% darker color. If you saturate the color by 10%, you get **CC99CE**, and if you desaturate by 10%, it is **CEC3CE**.

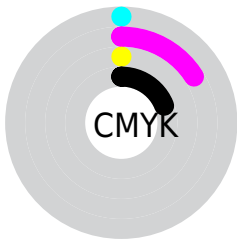
# Distribution



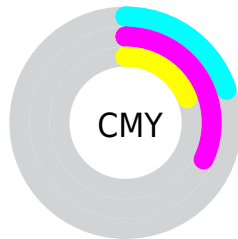
- Red (80%)
- Green (68%)
- Blue (81%)



- Red (80%)
- Yellow (68%)
- Blue (81%)



- Cyan (0%)
- Magenta (16%)
- Yellow (0%)
- Black (19%)



- Cyan (20%)
- Magenta (32%)
- Yellow (19%)

# Brightness & Saturation Gradients

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



 CDAECE

FFFFFF

 FFE6FF

 CDAECE

 B193B2

 977998

 7D617E

 634965

 4B324D

 341C36

 1F0521

 000007

 000000

 CDAECE

 CDAECE

 CC99CE

 CEC3CE

 CC85CE

 CED7CE

 CB70CE

 CFECCE

 CA5CCE

 D0FFCE

 CA47CE

 D1FFCE

 C932CE

 D2FFCE

 C81ECE

 D3FFCE

 C809CE

 C800CE

# Harmonies

## Analogous

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



B6B4DA



CDAECE



DBABBC

# Triad

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



CDAECE



CAB592



84C2C7

# Complementary

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



CDAECE



AFCEAE

# 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.



8DC2B3



CDAECE



B6BB95

# Square

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



CDAECE



D9AF99



A0C0A1



8AC0D6

# Rectangle

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



CDAECE



DFAAAF



A0C0A1



85C3C0



# Sweetspot

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



CDAECE



FFF2FF



AEAFCE



7F7880



000000



808080



# Same Dimension

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



CDAECE



FDCFFF



CEAEBF



665C66



A100A6



250026



# Inverse Universe

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



CEAEAF



FFCFD0



AECEBD



665C5C



A60005

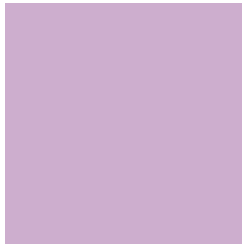


260001



# Previews

## White Background



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

## Color Contrast Check

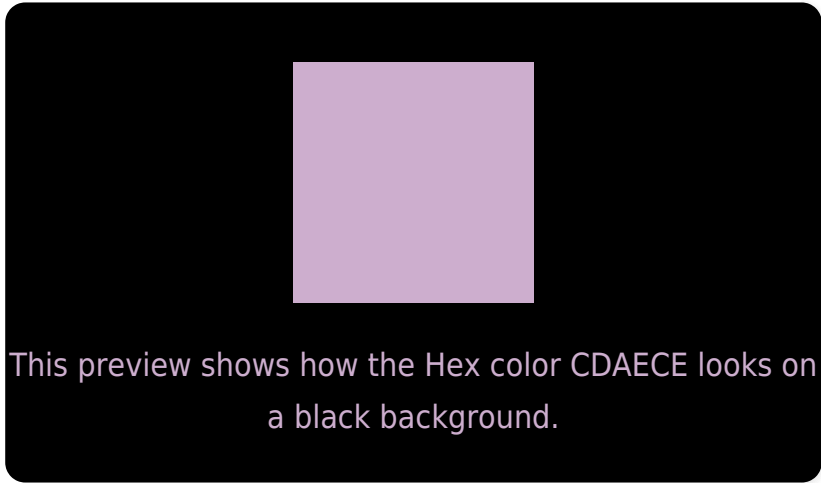
Large Text (above 18pt) WCAG AA × Fail

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

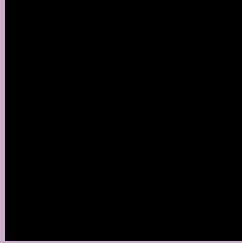
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CDAECE Background



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

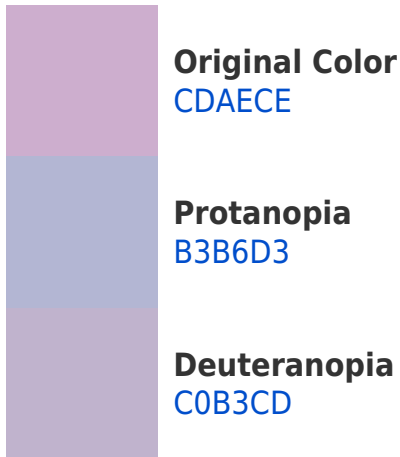


This preview shows how white text looks on a background with the Hex color CDAECE.

# 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





# Trichromacy



**Original Color**  
CDAECE

**Protanomaly**  
BCB3D1

**Deuteranomaly**  
C5B1CD

**Tritanomaly**  
CCB0C4

# Monochromacy



**Original Color**  
CDAECE

**Achromatopsia**  
BBBBBB

**Achromatomaly**  
C2B6C2

# CSS Examples

## Text

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

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

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 #CDAECE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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