

# Converting Colors

Hex(E0CDEB)

Have a look what the booklet for  
Hex(E0CDEB) contains.

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# **Color**

**Hex(E0CDEB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E0CDEB
RGB	224, 205, 235
RGB Percent	88%, 80%, 92%
CMY	0.1216, 0.1961, 0.0784
CMYK	0.05, 0.13, 0.00, 0.08
HSL	278°, 43%, 86%
HSV	278°, 13%, 92%
XYZ	67.5672, 65.5081, 87.6804
YIQ	214.1010, 1.6940, 13.3580

# Conversions

## Conversions Part 2

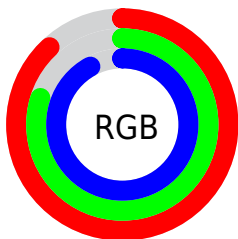
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 205, 235
Decimal	14732779
CIE <sub>Lab</sub>	84.74, 12.00, -12.37
CIE <sub>LCh</sub>	85, 17.233, 314.114
Yxy	65.5081, 0.3061, 0.2967
Android (android.graphics.Color)	4292922859 (0xFFE0CDEB)
YUV	214.1010, 10.3032, 8.6814
Hunter-Lab	80.9371, 7.3740, -7.5738

# Details

The Hex color **E0CDEB** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D8EBCD**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFFFF**, and **A997B3** is the 20% darker color. If you saturate the color by 10%, you get **D7B6EB**, and if you desaturate by 10%, it is **E9E5EB**.

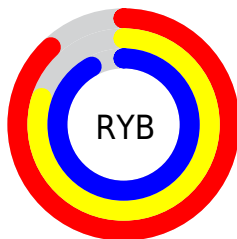
# Distribution



Red (88%)

Green (80%)

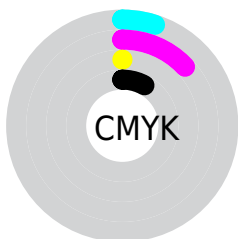
Blue (92%)



Red (88%)

Yellow (80%)

Blue (92%)

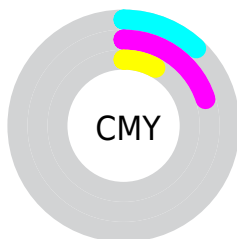


Cyan (5%)

Magenta (13%)

Yellow (0%)

Black (8%)



Cyan (12%)

Magenta (20%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0CDEB 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 E0CDEB by changing the saturation by 10% instead.



 E0CDEB

 E0CDEB

FFFFFF

 C4B2CF

 A997B3

 8E7D98

 74647F

 5C4C65

 44354D

 2E2037

 1A0921

 000008

 E0CDEB

 E0CDEB

 D7B6EB

 E9E5EB

 CF9EEB

 F1FCEB

 C687EB

 FAF FEB

 BE6FEB

 FFFFEB

 B558EB

 AC40EB

 A429EB

 9B11EB

 9500EB

# Harmonies

## Analogous

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



CCD2F3



E0CDEB



EFC9DD

# Triad

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



E0CDEB



E9D0B5



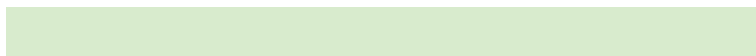
AADDDB

# Complementary

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



E0CDEB



D8EBCD

# 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.



B5DCCA



E0CDEB



D8D5B4

# Square

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



E0CDEB



F4CBBE



C6DABC



ABDBEA

# Rectangle

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



E0CDEB



F5C8D2



C6DABC



ADDD5



# Sweetspot

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



E0CDEB



FBF5FF



CDD8EB



7D7980



000000



808080



# Same Dimension

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



E0CDEB



F1D9FF



EBCDE7



716A75



7300B5



220036



# Inverse Universe

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



EBCDD8



FFD9E7



CDEBD1



756A6E



B50042

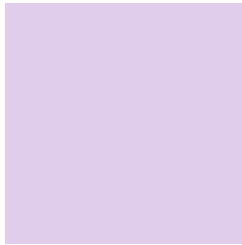


360014



# Previews

## White Background



This preview shows how the Hex color E0CDEB looks on a white background.

## Color Contrast Check

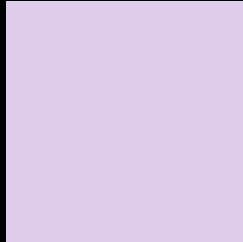
Large Text (above 18pt) WCAG AA × Fail

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 E0CDEB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

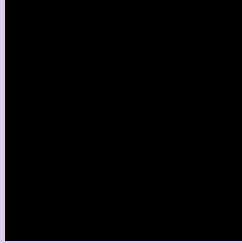
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

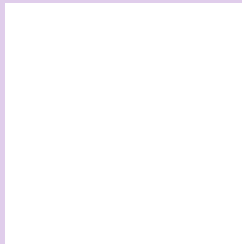
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E0CDEB Background



This preview shows how black text looks on a background with the Hex color E0CDEB.

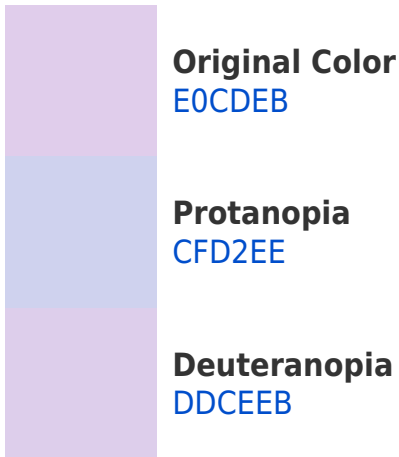


This preview shows how white text looks on a background with the Hex color E0CDEB.

# 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**  
E0CDEB

**Protanomaly**  
D5D0ED

**Deuteranomaly**  
DECEEB

**Tritanomaly**  
DFCEE3

# Monochromacy



**Original Color**  
E0CDEB

**Achromatopsia**  
D6D6D6

**Achromatomaly**  
DAD3DE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0CDEB 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 #E0CDEB looks like.

```
.text, #text, p{  
    color:#E0CDEB  
}
```

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 #E0CDEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0CDEB
}
```

## Border

The CSS property to change the border of an element to Hex E0CDEB 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
#E0CDEB }
```

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

```
.border{ border-color:#E0CDEB }
```

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

Here you see how a box with a 4 pixel #E0CDEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0CDEB; -webkit-box-shadow:4px 4px  
4px 4px #E0CDEB; box-shadow:4px 4px 4px  
4px #E0CDEB }
```

# Background

The CSS property to change the background color of an element to Hex E0CDEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0CDEB }
```

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

```
.background{ background-color:#E0CDEB }
```

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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