

# Converting Colors

Hex(CED3EB)

Have a look what the booklet for  
Hex(CED3EB) contains.

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# **Color**

**Hex(CED3EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CED3EB
RGB	206, 211, 235
RGB Percent	81%, 83%, 92%
CMY	0.1922, 0.1725, 0.0784
CMYK	0.12, 0.10, 0.00, 0.08
HSL	230°, 42%, 86%
HSV	230°, 12%, 92%
XYZ	63.7433, 65.7085, 87.9206
YIQ	212.2410, -10.6840, 6.4040

# Conversions

## Conversions Part 2

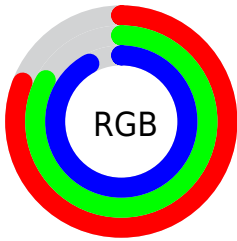
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	206, 210, 235
Decimal	13554667
CIE Lab	84.85, 2.97, -12.37
CIE LCh	85, 12.717, 283.510
Yxy	65.7085, 0.2932, 0.3023
Android (android.graphics.Color)	4291744747 (0xFFCED3EB)
YUV	212.2410, 11.2202, -5.4734
Hunter-Lab	81.0608, -1.4904, -7.5649

# Details

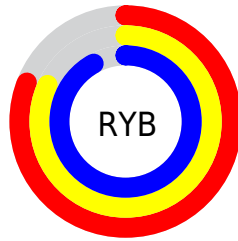
The Hex color **CED3EB** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **EBE6CE**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFFFF**, and **989DB3** is the 20% darker color. If you saturate the color by 10%, you get **B7C0EB**, and if you desaturate by 10%, it is **E6E6EB**.

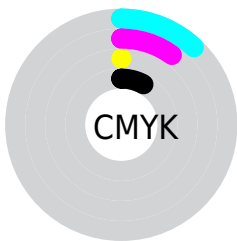
# Distribution



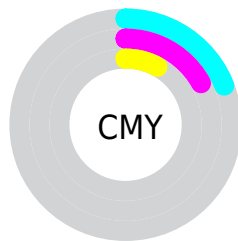
- Red (81%)
- Green (83%)
- Blue (92%)



- Red (81%)
- Yellow (82%)
- Blue (92%)



- Cyan (12%)
- Magenta (10%)
- Yellow (0%)
- Black (8%)



- Cyan (19%)
- Magenta (17%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CED3EB 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 CED3EB by changing the saturation by 10% instead.



■ CED3EB

FFFFFF

■ CED3EB

■ B2B7CF

■ 989DB3

■ 7E8398

■ 64697F

■ 4C5165

■ 353A4D

■ 1F2537

■ 0A1021

■ 000008

 CED3EB

 CED3EB

 B7C0EB

 E6E6EB

 9FACEB

 FDFAEB

 8899EB

 FFFFEB

 7085EB

 5972EB

 415EEB

 2A4BEB

 1237EB

 0029EB

# Harmonies

## Analogous

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



C0D7EA



CED3EB



DDCFE5

# Triad

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



CED3EB



ECCDC4



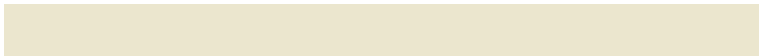
BEDBCD

# Complementary

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



CED3EB



EBE6CE

# 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.



CAD8C2



CED3EB



E4D1BD

# Square

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



CED3EB



EECCCF



D8D5BD



B6DBD9

# Rectangle

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



CED3EB



E5CDDF



D8D5BD



C1DAC9



# Sweetspot

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



CED3EB



F5F7FF



CEEBE6



797A80



000000



808080



# Same Dimension

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



CED3EB



D9DFFF



D7CEEB



6A6C75



001FB5



000936



# Inverse Universe

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



EBCED3



FFD9DF



E2EBCE



756A6C



B5001F

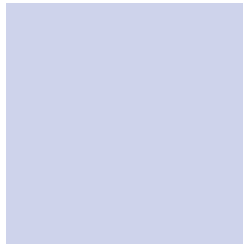


360009



# Previews

## White Background



This preview shows how the Hex color CED3EB looks on a white background.

## Color Contrast Check

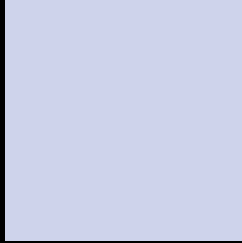
Large Text (above 18pt) WCAG AA × Fail

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 CED3EB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

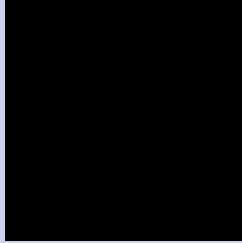
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

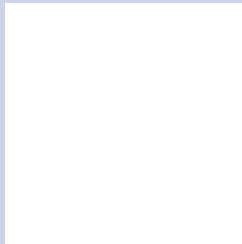
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CED3EB Background



This preview shows how black text looks on a background with the Hex color CED3EB.

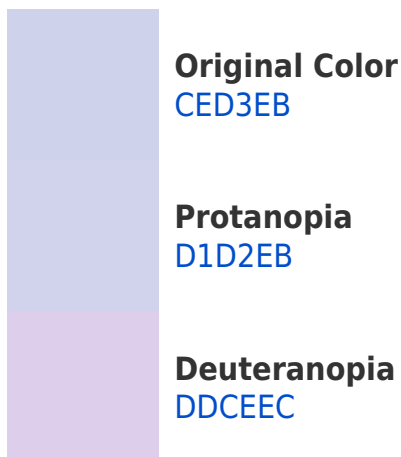


This preview shows how white text looks on a background with the Hex color CED3EB.

# 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**  
CDD4E5

# Trichromacy



**Original Color**  
CED3EB

**Protanomaly**  
D0D2EB

**Deuteranomaly**  
D8D0EC

**Tritanomaly**  
CDD4E7

# Monochromacy



**Original Color**  
CED3EB

**Achromatopsia**  
D4D4D4

**Achromatomaly**  
D2D4DC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CED3EB 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 #CED3EB looks like.

```
.text, #text, p{  
    color:#CED3EB  
}
```

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 #CED3EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CED3EB
}
```

## Border

The CSS property to change the border of an element to Hex CED3EB 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
#CED3EB }
```

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

```
.border{ border-color:#CED3EB }
```

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

Here you see how a box with a 4 pixel #CED3EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CED3EB; -webkit-box-shadow:4px 4px  
4px 4px #CED3EB; box-shadow:4px 4px 4px  
4px #CED3EB }
```

# Background

The CSS property to change the background color of an element to Hex CED3EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CED3EB }
```

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

```
.background{ background-color:#CED3EB }
```

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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