

# Converting Colors

Hex(CED6ED)

Have a look what the booklet for  
Hex(CED6ED) contains.

<b>Hex(CED6ED)</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(CED6ED)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CED6ED
RGB	206, 214, 237
RGB Percent	81%, 84%, 93%
CMY	0.1922, 0.1608, 0.0706
CMYK	0.13, 0.10, 0.00, 0.07
HSL	225°, 46%, 87%
HSV	225°, 13%, 93%
XYZ	64.7862, 67.3294, 89.7020
YIQ	214.2300, -12.1510, 5.4570

# Conversions

## Conversions Part 2

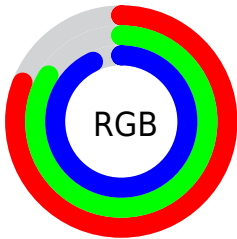
Format	Color
R <sub>Y</sub> B	206, 212, 237
Decimal	13555437
CIE Lab	85.67, 1.80, -12.20
CIE LCh	86, 12.329, 278.394
Yxy	67.3294, 0.2921, 0.3035
Android (android.graphics.Color)	4291745517 (0xFFCED6ED)
YUV	214.2300, 11.2256, -7.2177
Hunter-Lab	82.0545, -2.6604, -7.3778

# Details

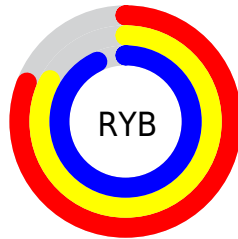
The Hex color **CED6ED** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **EDE5CE**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFFFF**, and **989FB5** is the 20% darker color. If you saturate the color by 10%, you get **B6C4ED**, and if you desaturate by 10%, it is **E6E8ED**.

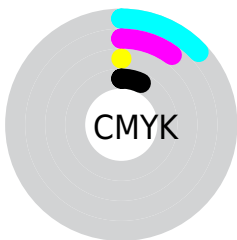
# Distribution



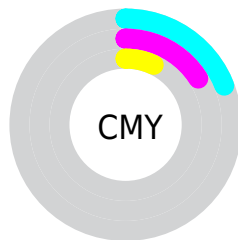
- Red (81%)
- Green (84%)
- Blue (93%)



- Red (81%)
- Yellow (83%)
- Blue (93%)



- Cyan (13%)
- Magenta (10%)
- Yellow (0%)
- Black (7%)



- Cyan (19%)
- Magenta (16%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CED6ED 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 CED6ED by changing the saturation by 10% instead.



■ CED6ED

FFFFFF

■ CED6ED

■ B2BAD1

■ 989FB5

■ 7D859A

■ 646C80

■ 4C5467

■ 353D4F

■ 1F2738

■ 091223

■ 00000B

 CED6ED

 CED6ED

 B6C4ED

 E6E8ED

 9FB3ED

 FDF9ED

 87A1ED

 FFFFED

 6F90ED

 587EED

 406CED

 285BED

 1049ED

 003DED

# Harmonies

## Analogous

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



C1DAEB



CED6ED



DDD2E8

# Triad

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



CED6ED



EFD0C8



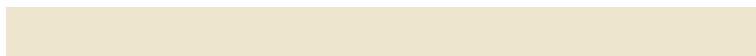
C2DCCD

# Complementary

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



CED6ED



EDE5CE

# 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.



CFDAC4



CED6ED



E8D3C1

# Square

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



CED6ED



EFCED3



DCD6BF



BADDD9

# Rectangle

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



CED6ED



E5D0E3



DCD6BF



C6DCCA



# Sweetspot

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



CED6ED



F5F7FF



CEEDE5



797B80



000000



808080



# Same Dimension

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



CED6ED



D6E1FF



D5CEED



6A6D75



002FB5



000E36



# Inverse Universe

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



EDCED6



FFD6E1



E6EDCE



756A6D



B5002F

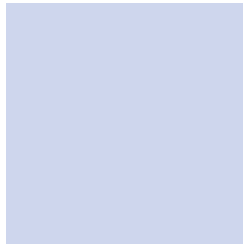


36000E



# Previews

## White Background



This preview shows how the Hex color CED6ED looks on a white background.

## Color Contrast Check

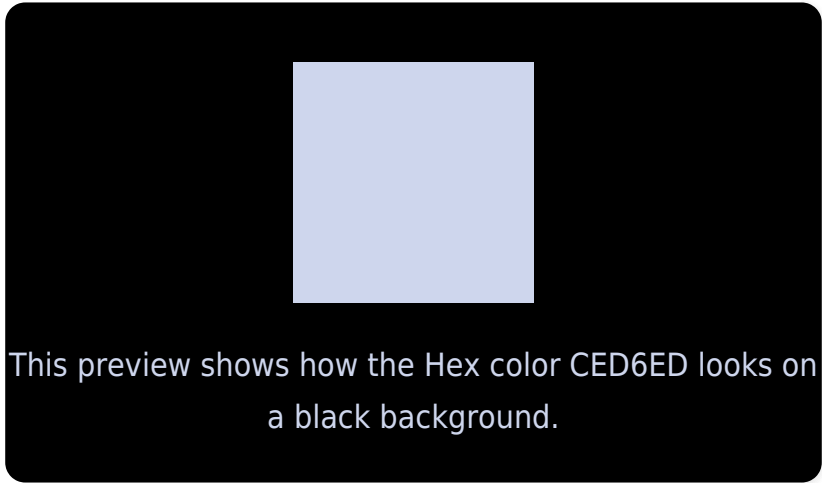
Large Text (above 18pt) WCAG AA × Fail

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

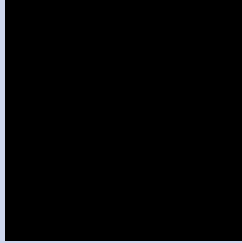
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CED6ED Background



This preview shows how black text looks on a background with the Hex color CED6ED.

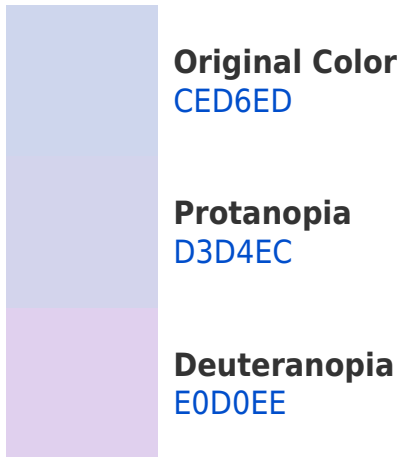


This preview shows how white text looks on a background with the Hex color CED6ED.

# 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



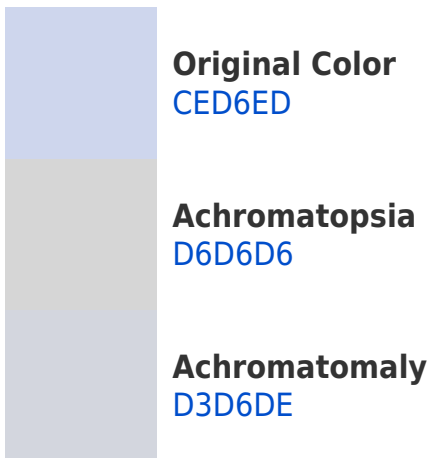


**Tritanopia**  
CDD7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CED6ED 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 #CED6ED looks like.

```
.text, #text, p{  
    color:#CED6ED  
}
```

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 #CED6ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CED6ED
}
```

## Border

The CSS property to change the border of an element to Hex CED6ED 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
#CED6ED }
```

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

```
.border{ border-color:#CED6ED }
```

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

Here you see how a box with a 4 pixel #CED6ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CED6ED; -webkit-box-shadow:4px 4px  
4px 4px #CED6ED; box-shadow:4px 4px 4px  
4px #CED6ED }
```

# Background

The CSS property to change the background color of an element to Hex CED6ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CED6ED }
```

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

```
.background{ background-color:#CED6ED }
```

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