

# Converting Colors

Hex(CEDBEC)

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

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# **Color**

**Hex(CEDBEC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CEDBEC
RGB	206, 219, 236
RGB Percent	81%, 86%, 93%
CMY	0.1922, 0.1412, 0.0745
CMYK	0.13, 0.07, 0.00, 0.07
HSL	214°, 44%, 87%
HSV	214°, 13%, 93%
XYZ	65.9254, 69.8410, 89.3629
YIQ	217.0510, -13.2050, 2.5310

# Conversions

## Conversions Part 2

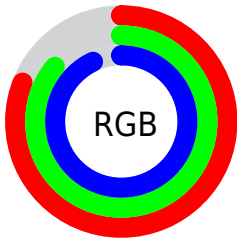
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	206, 215, 236
Decimal	13556716
CIE Lab	86.92, -1.02, -9.81
CIE LCh	87, 9.860, 264.069
Yxy	69.8410, 0.2928, 0.3102
Android (android.graphics.Color)	4291746796 (0xFFCEDBEC)
YUV	217.0510, 9.3419, -9.6917
Hunter-Lab	83.5709, -5.4383, -4.8995

# Details

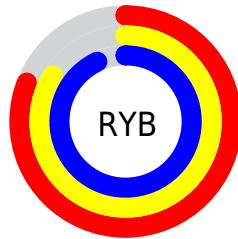
The Hex color **CEDBEC** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **ECDFCE**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFFF**, and **98A4B4** is the 20% darker color. If you saturate the color by 10%, you get **B6CEEC**, and if you desaturate by 10%, it is **E6E8EC**.

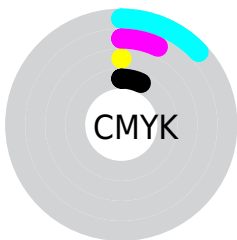
# Distribution



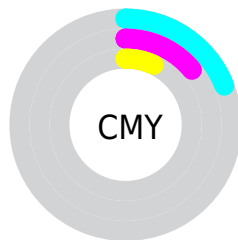
- Red (81%)
- Green (86%)
- Blue (93%)



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



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



- Cyan (19%)
- Magenta (14%)
- Yellow (7%)

# Brightness & Saturation Gradients

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



■ CEDBEC

FFFFFF

■ CEDBEC

■ B2BFD0

■ 98A4B4

■ 7E8A99

■ 64707F

■ 4C5866

■ 35414E

■ 1F2B38

■ 091622

■ 00000B

 CEDBEC

 CEDBEC

 B6CEEC

 E6E8EC

 9FC0EC

 FDF6EC

 87B3EC


 FFFFEC

 70A6EC

 5898EC

 408BEC

 297DEC

 1170EC

 0066EC

# Harmonies

## Analogous

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



C6DEE8



CEDBEC



D9D8EB

# Triad

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



CEDBEC



EED4D2



CEDECE

# Complementary

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



CEDBEC



ECDFCE

# 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.



D9DBC9



CEDBEC



EBD5CB

# Square

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



CEDBEC



ECD4DC



E4D8C7



C6DFD7

# Rectangle

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



CEDBEC



E1D6E7



E4D8C7



D2DDCC

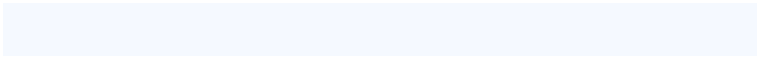


# Sweetspot

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



CEDBEC



F5F9FF



CEECDF



797C80



000000



808080

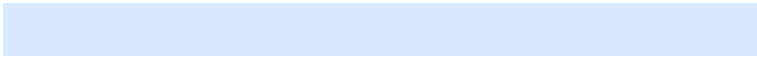


# Same Dimension

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



CEDBEC



D9E9FF



D0CEEC



6A6F75



004EB5



001736



# Inverse Universe

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



ECCEDB



FFD9E9



EAECCE



756A6F



B5004E

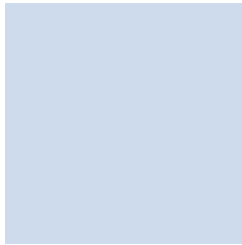


360017



# Previews

## White Background



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

## Color Contrast Check

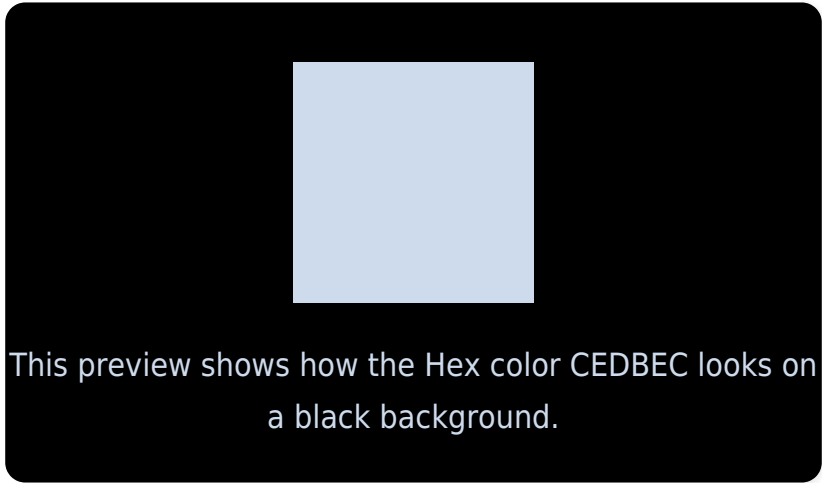
Large Text (above 18pt) WCAG AA × Fail

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

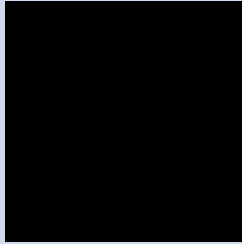
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

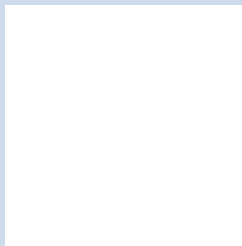
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CEDBEC Background



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

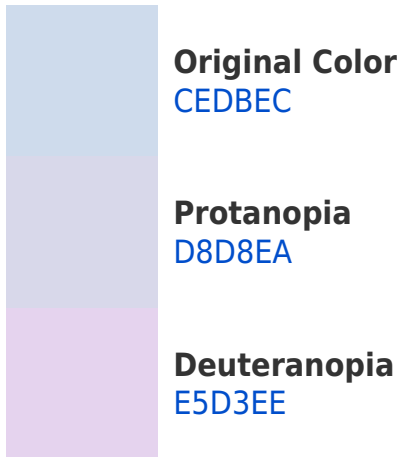


This preview shows how white text looks on a background with the Hex color CEDBEC.

# Color Blindness Simulation

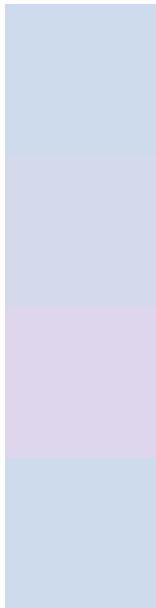
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



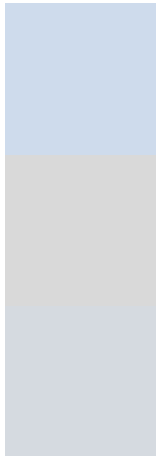
**Original Color**  
CEDBEC

**Protanomaly**  
D4D9EB

**Deuteranomaly**  
DDD6ED

**Tritanomaly**  
CEDBEC

# Monochromacy



**Original Color**  
CEDBEC

**Achromatopsia**  
D9D9D9

**Achromatomaly**  
D5DAE0

# CSS Examples

## Text

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

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

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 #CEDBEC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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