

# Converting Colors

Hex(CEDBEE)

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

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# **Color**

**Hex(CEDBEE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEDBEE
RGB	206, 219, 238
RGB Percent	81%, 86%, 93%
CMY	0.1922, 0.1412, 0.0667
CMYK	0.13, 0.08, 0.00, 0.07
HSL	216°, 48%, 87%
HSV	216°, 13%, 93%
XYZ	66.2177, 69.9579, 90.9021
YIQ	217.2790, -13.8470, 3.1530

# Conversions

## Conversions Part 2

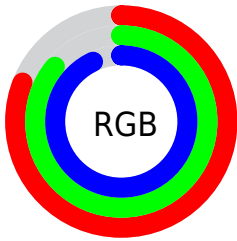
Format	Color
RYP	206, 215, 238
Decimal	13556718
CIELab	86.98, -0.61, -10.78
CIElCh	87, 10.794, 266.744
Yxy	69.9579, 0.2916, 0.3081
Android (android.graphics.Color)	4291746798 (0xFFCEDBEE)
YUV	217.2790, 10.2155, -9.8917
Hunter-Lab	83.6408, -5.0545, -5.8887

# Details

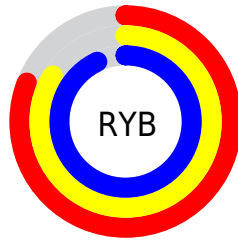
The Hex color **CEDBEE** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **EEE1CE**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFFF**, and **98A4B6** is the 20% darker color. If you saturate the color by 10%, you get **B6CDEE**, and if you desaturate by 10%, it is **E6E9EE**.

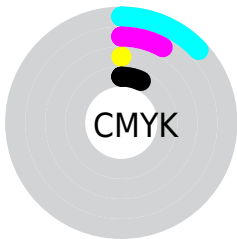
# Distribution



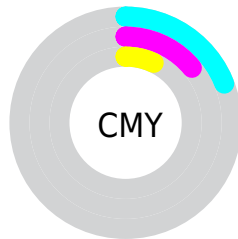
- Red (81%)
- Green (86%)
- Blue (93%)



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



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



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

# Brightness & Saturation Gradients

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



■ CEDBEE

FFFFFF

■ CEDBEE

■ B2BFD2

■ 98A4B6

■ 7D8A9B

■ 647081

■ 4C5868

■ 354150

■ 1F2B39

■ 091624

■ 00010D

 CEDBEE

 CEDBEE

 B6CDEE

 E6E9EE

 9EBFEE

 FEF7EE

 87B1EE

 FFFFEE

 6FA2EE

 5794EE

 3F86EE

 2778EE

 106AEE

 0061EE

# Harmonies

## Analogous

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



C4DEEB



CEDBEE



DBD8EC

# Triad

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



CEDBEE



F0D3D1



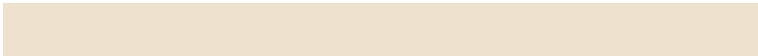
CDDFCE

# Complementary

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



CEDBEE



EEE1CE

# 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.



D8DCC7



CEDBEE



ECD6C9

# Square

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



CEDBEE



EED3DB



E4D9C6



C4E0D8

# Rectangle

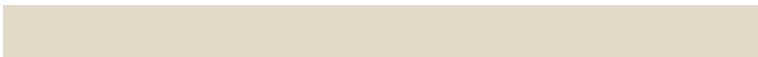
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CEDBEE



E3D5E8



E4D9C6



D0DECC

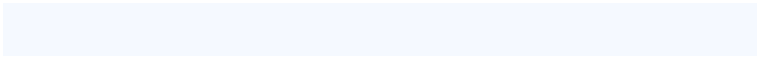


# Sweetspot

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



CEDBEE



F5F9FF



CEEEE1



797C80



000000



808080

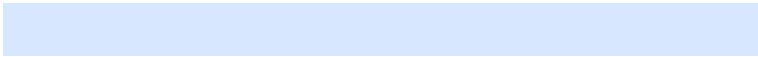


# Same Dimension

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



CEDBEE



D6E7FF



D1CEEE



6C7178



004BB8



001738



# Inverse Universe

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



EECEDB



FFD6E7



EBEECE



786C71



B8004B

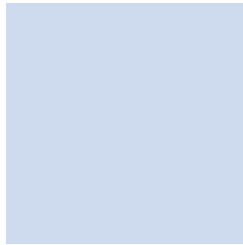


380017



# Previews

## White Background



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

## Color Contrast Check

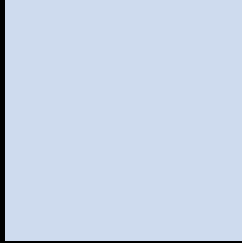
Large Text (above 18pt) WCAG AA × Fail

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 CEDBEE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

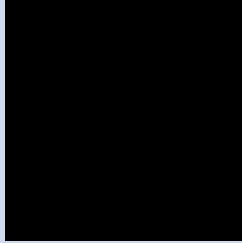
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

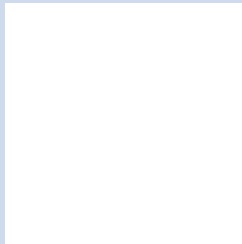
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CEDBEE Background



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

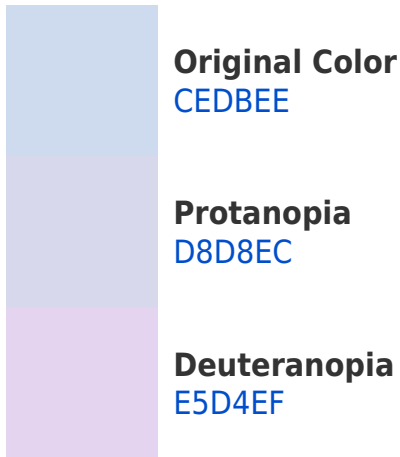


This preview shows how white text looks on a background with the Hex color CEDBEE.

# 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



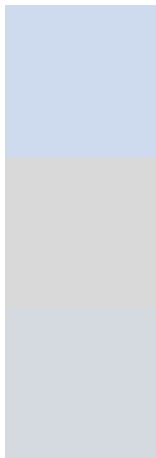
**Original Color**  
CEDBEE

**Protanomaly**  
D4D9ED

**Deuteranomaly**  
DDD7EF

**Tritanomaly**  
CEDBED

# Monochromacy



**Original Color**  
CEDBEE

**Achromatopsia**  
D9D9D9

**Achromatomaly**  
D5DAE1

# CSS Examples

## Text

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

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

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 #CEDBEE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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