

# Converting Colors

Hex(CEDAE2)

Have a look what the booklet for  
Hex(CEDAE2) contains.

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# **Color**

**Hex(CEDAE2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">CEDAE2</a>
RGB	<a href="#">206, 218, 226</a>
RGB Percent	<a href="#">81%, 85%, 89%</a>
CMY	<a href="#">0.1922, 0.1451, 0.1137</a>
CMYK	<a href="#">0.09, 0.04, 0.00, 0.11</a>
HSL	<a href="#">204°, 26%, 85%</a>
HSV	<a href="#">204°, 9%, 89%</a>
XYZ	<a href="#">64.2525, 68.7556, 81.8362</a>
YIQ	<a href="#">215.3240, -9.7200, -0.0560</a>

# Conversions

## Conversions Part 2

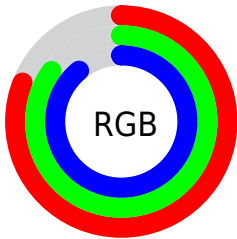
Format	Color
R <sub>Y</sub> B	206, 214, 226
Decimal	13556450
CIE Lab	86.38, -2.48, -5.32
CIE LCh	86, 5.871, 244.959
Yxy	68.7556, 0.2991, 0.3200
Android (android.graphics.Color)	4291746530 (0xFFCEDAE2)
YUV	215.3240, 5.2633, -8.1771
Hunter-Lab	82.9190, -6.7918, -0.4725

# Details

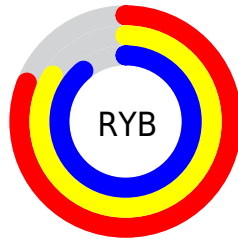
The Hex color **CEDAE2** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E2D6CE**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFFFF**, and **98A3AB** is the 20% darker color. If you saturate the color by 10%, you get **B7D1E2**, and if you desaturate by 10%, it is **E5E3E2**.

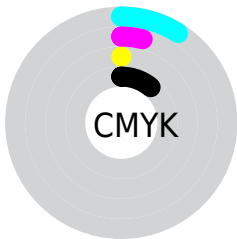
# Distribution



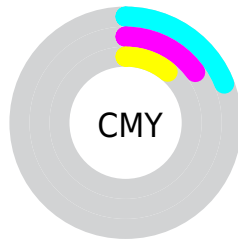
- Red (81%)
- Green (85%)
- Blue (89%)



- Red (81%)
- Yellow (84%)
- Blue (89%)



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (19%)
- Magenta (15%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEDAE2 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 CEDAE2 by changing the saturation by 10% instead.



■ CEDAE2

FFFFFF

■ CEDAE2

■ B2BEC6

■ 98A3AB

■ 7E8990

■ 657077

■ 4D575E

■ 364046

■ 202A30

■ 0B161B

■ 000000

 CEDAE2

 CEDAE2

 B7D1E2

 E5E3E2

 A1C8E2

 FBCECE2

 8ABFE2

 FFF5E2

 74B6E2

 FFFEE2

 5DADE2

 FFFFEE2

 46A4E2

 309BE2

 1992E2

 0389E2

# Harmonies

## Analogous

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



CBDBDE



CEDAE2



D4D8E3

# Triad

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



CEDAE2



E4D4D7



D6DACF

# Complementary

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



CEDAE2



E2D6CE

# 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.



DCD8CD



CEDAE2



E4D5D2

# Square

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



CEDAE2



E0D5DD



E1D6CE



D0DBD3

# Rectangle

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



CEDAE2



D8D7E2



E1D6CE



D8D9CE



# Sweetspot

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



CEDAE2



F7FCFF



CEE2D6



7A7D80



000000



808080

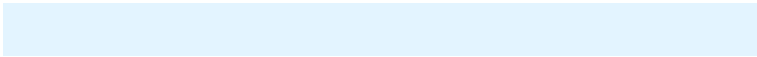


# Same Dimension

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



CEDAE2



E3F4FF



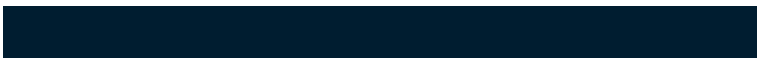
CED0E2



656C70



006AB0



001D30



# Inverse Universe

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



E2CEDA



FFE3F4



E2E0CE



70656C



B0006A

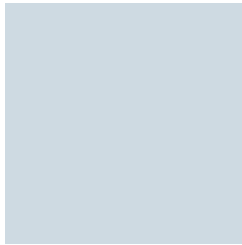


30001D



# Previews

## White Background



This preview shows how the Hex color CEDAE2 looks on a white background.

## Color Contrast Check

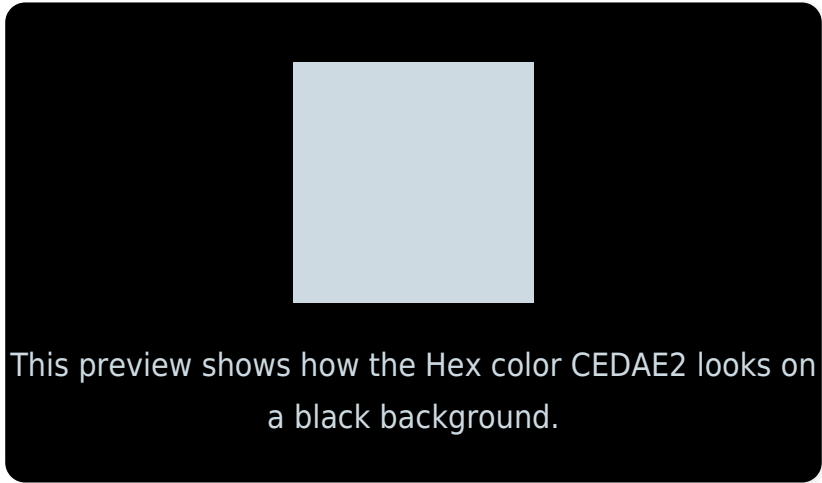
Large Text (above 18pt) WCAG AA × Fail

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

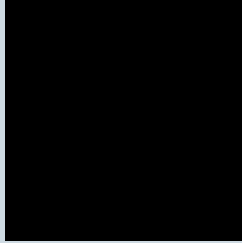
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

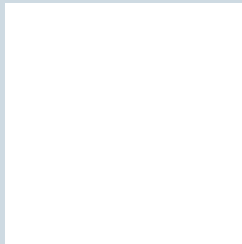
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CEDAE2 Background



This preview shows how black text looks on a background with the Hex color CEDAE2.

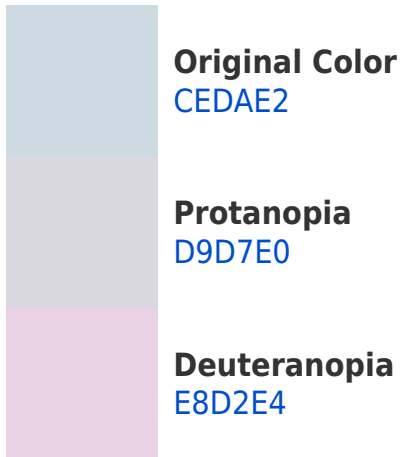


This preview shows how white text looks on a background with the Hex color CEDAE2.

# 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](#).

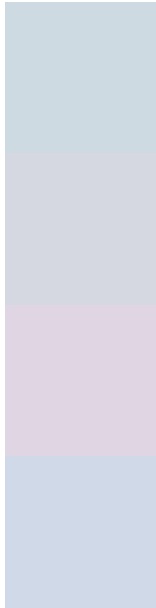
## Dichromacy





**Tritanopia**  
CFD9EA

# Trichromacy



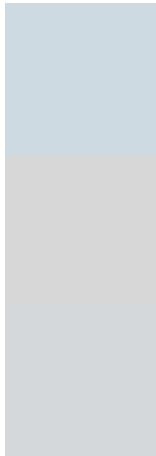
**Original Color**  
CEDAE2

**Protanomaly**  
D5D8E1

**Deuteranomaly**  
DFD5E3

**Tritanomaly**  
CFD9E7

# Monochromacy



**Original Color**  
CEDAE2

**Achromatopsia**  
D7D7D7

**Achromatomaly**  
D4D8DB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEDAE2 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 #CEDAE2 looks like.

```
.text, #text, p{  
    color:#CEDAE2  
}
```

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 #CEDAE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEDAE2
}
```

## Border

The CSS property to change the border of an element to Hex CEDAE2 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
#CEDAE2 }
```

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

```
.border{ border-color:#CEDAE2 }
```

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

Here you see how a box with a 4 pixel #CEDAE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEDAE2; -webkit-box-shadow:4px 4px  
4px 4px #CEDAE2; box-shadow:4px 4px 4px  
4px #CEDAE2 }
```

# Background

The CSS property to change the background color of an element to Hex CEDAE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEDAE2 }
```

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

```
.background{ background-color:#CEDAE2 }
```

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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