

# Converting Colors

Hex(CDDAE0)

Have a look what the booklet for  
Hex(CDDAE0) contains.

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# **Color**

**Hex(CDDAE0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDDAE0
RGB	205, 218, 224
RGB Percent	80%, 85%, 88%
CMY	0.1961, 0.1451, 0.1216
CMYK	0.08, 0.03, 0.00, 0.12
HSL	199°, 23%, 84%
HSV	199°, 8%, 88%
XYZ	63.7028, 68.5038, 80.3861
YIQ	214.7970, -9.6740, -0.8900

# Conversions

## Conversions Part 2

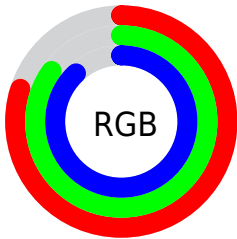
<b>Format</b>	<b>Color</b>
RYB	205, 213, 224
Decimal	13490912
CIELab	86.26, -3.20, -4.45
CIElCh	86, 5.485, 234.303
Yxy	68.5038, 0.2996, 0.3222
Android (android.graphics.Color)	4291680992 (0xFFCDDAE0)
YUV	214.7970, 4.5371, -8.5920
Hunter-Lab	82.7670, -7.4572, 0.3525

# Details

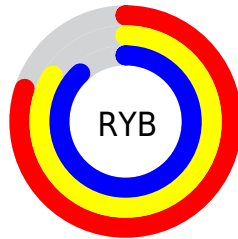
The Hex color **CDDAE0** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E0D3CD**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFFFF**, and **97A3A9** is the 20% darker color. If you saturate the color by 10%, you get **B7D3E0**, and if you desaturate by 10%, it is **E3E1E0**.

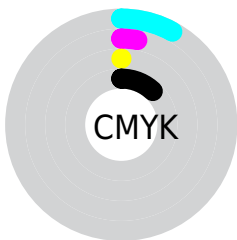
# Distribution



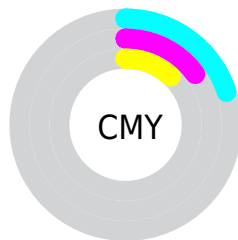
- Red (80%)
- Green (85%)
- Blue (88%)



- Red (80%)
- Yellow (84%)
- Blue (88%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (12%)



- Cyan (20%)
- Magenta (15%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDDAE0 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 CDDAE0 by changing the saturation by 10% instead.



■ CDDAE0

FFFFFF

■ CDDAE0

■ B1BEC4

■ 97A3A9

■ 7D898E

■ 647075

■ 4C575C

■ 354045

■ 1F2A2E

■ 09161A

■ 000000

 CDDAE0

 CDDAE0

 B7D3E0

 E3E1E0

 A0CCE0

 FAE8E0

 8AC5E0

 FFEFE0

 73BEE0

 FFF6E0

 5DB7E0

 FFFDE0

 47B0E0

 FFFFEO

 30A8E0

 1AA1E0

 039AE0

# Harmonies

## Analogous

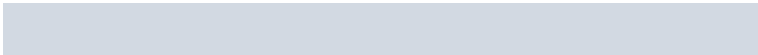
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



CDBBDC



CDDAE0



D2D9E2

# Triad

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



CDDAE0



E2D4D9



D8D9CE

# Complementary

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



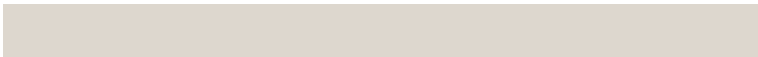
CDDAE0



E0D3CD

# 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.



DDD7CE



CDDAE0



E3D5D4

# Square

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



CDDAE0



DED5DE



E2D6D0



D2DAD2

# Rectangle

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



CDDAE0



D6D7E2



E2D6D0



DAD8CE

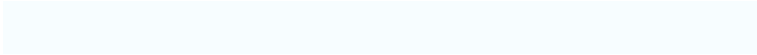


# Sweetspot

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



CDDAE0



F7FDFF



CDE0D3



7A7E80



000000



808080

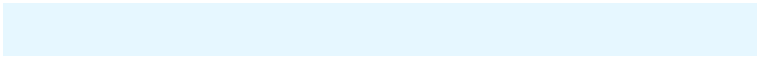


# Same Dimension

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



CDDAE0



E6F7FF



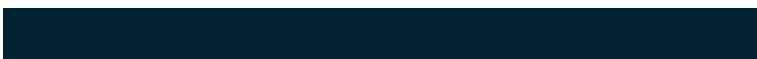
CDD1E0



656D70



0078B0



002130



# Inverse Universe

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



E0CDDA



FFE6F7



E0DCCD



70656D



B00078

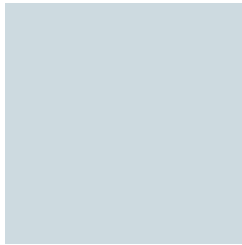


300021



# Previews

## White Background



This preview shows how the Hex color CDDAE0 looks on a white background.

## Color Contrast Check

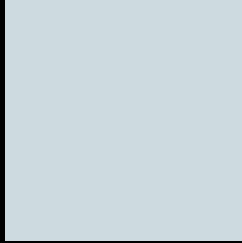
Large Text (above 18pt) WCAG AA × Fail

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 CDDAE0 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

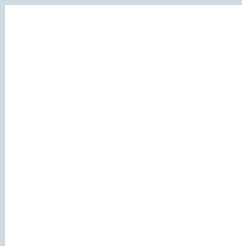
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CDDAE0 Background



This preview shows how black text looks on a background with the Hex color CDDAE0.

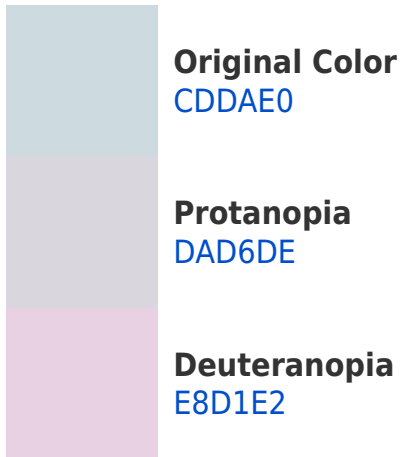


This preview shows how white text looks on a background with the Hex color CDDAE0.

# Color Blindness Simulation

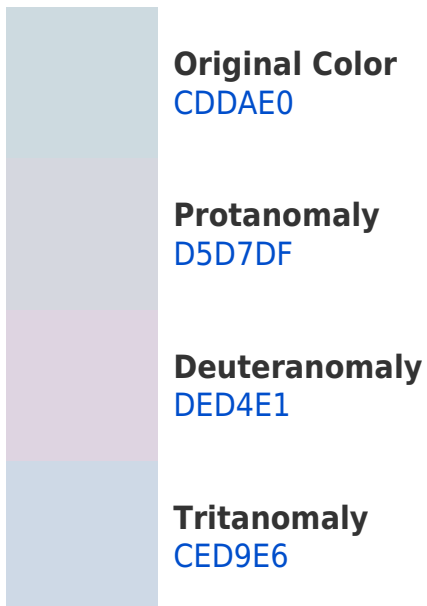
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDDAE0 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 #CDDAE0 looks like.

```
.text, #text, p{  
    color:#CDDAE0  
}
```

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 #CDDAE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDDAE0  
}
```

## Border

The CSS property to change the border of an element to Hex CDDAE0 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  
#CDDAE0 }
```

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

```
.border{ border-color:#CDDAE0 }
```

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

Here you see how a box with a 4 pixel #CDDAE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDDAE0; -webkit-box-shadow:4px 4px  
4px 4px #CDDAE0; box-shadow:4px 4px 4px  
4px #CDDAE0 }
```

# Background

The CSS property to change the background color of an element to Hex CDDAE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDDAE0 }
```

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

```
.background{ background-color:#CDDAE0 }
```

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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