

# Converting Colors

Hex(CDDAE5)

Have a look what the booklet for  
Hex(CDDAE5) contains.

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# **Color**

**Hex(CDDAE5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDDAE5
RGB	205, 218, 229
RGB Percent	80%, 85%, 90%
CMY	0.1961, 0.1451, 0.1020
CMYK	0.10, 0.05, 0.00, 0.10
HSL	208°, 32%, 85%
HSV	208°, 10%, 90%
XYZ	64.3911, 68.7791, 84.0107
YIQ	215.3670, -11.2790, 0.6650

# Conversions

## Conversions Part 2

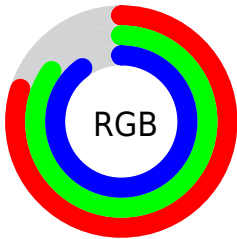
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 213, 229
Decimal	13490917
CIE <sub>Lab</sub>	86.39, -2.22, -6.90
CIE <sub>LCh</sub>	86, 7.244, 252.156
Yxy	68.7791, 0.2965, 0.3167
Android (android.graphics.Color)	4291680997 (0xFFCDDAE5)
YUV	215.3670, 6.7211, -9.0919
Hunter-Lab	82.9332, -6.5418, -2.0071

# Details

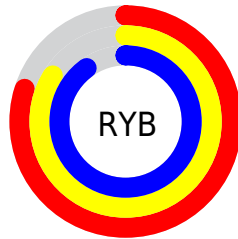
The Hex color **CDDAE5** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E5D8CD**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFFFF**, and **97A3AE** is the 20% darker color. If you saturate the color by 10%, you get **B6D0E5**, and if you desaturate by 10%, it is **E4E4E5**.

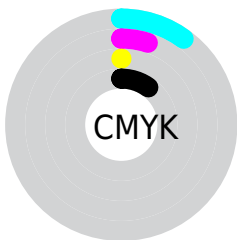
# Distribution



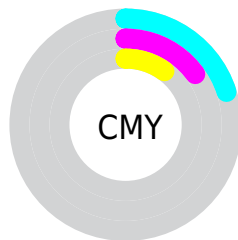
- Red (80%)
- Green (85%)
- Blue (90%)



- Red (80%)
- Yellow (84%)
- Blue (90%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)



- Cyan (20%)
- Magenta (15%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDDAE5 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 CDDAE5 by changing the saturation by 10% instead.



■ CDDAE5

FFFFFF

■ CDDAE5

■ B1BEC9

■ 97A3AE

■ 7D8993

■ 647079

■ 4C5760

■ 354049

■ 1F2A32

■ 09161D

■ 000002

 CDDAE5

 CDDAE5

 B6D0E5

 E4E4E5

 9FC5E5

 FBFEF5

 88BBE5

 FFF9E5

 71B0E5

 FFFF E5

 5BA6E5

 449BE5

 2D91E5

 1686E5

 007CE5

# Harmonies

## Analogous

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



C8DCE1



CDDAE5



D5D8E5

# Triad

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



CDDAE5



E7D4D6



D3DBCE

# Complementary

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



CDDAE5



E5D8CD

# 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.



DBD9CB



CDDAE5



E7D5CF

# Square

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



CDDAE5



E4D4DD



E2D6CB



CCDCD4

# Rectangle

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



CDDAE5



DAD6E4



E2D6CB



D6DACC

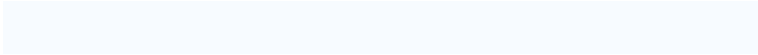


# Sweetspot

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



CDDAE5



F7FBFF



CDE5D8



7A7D80



000000



808080

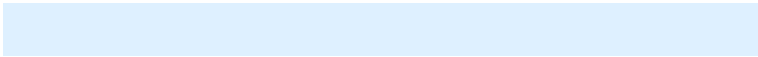


# Same Dimension

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



CDDAE5



DEF0FF



CDCEE5



676D73



0061B3



001C33



# Inverse Universe

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



E5CDDA



FFDEF0



E5E4CD



73676D



B30061

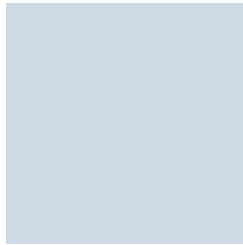


33001C



# Previews

## White Background



This preview shows how the Hex color CDDAE5 looks on a white background.

## Color Contrast Check

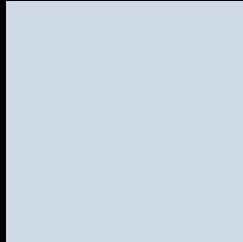
Large Text (above 18pt) WCAG AA × Fail

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 CDDAE5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

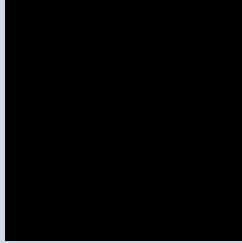
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

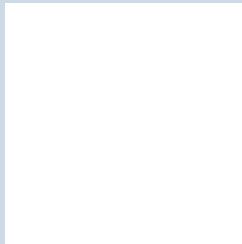
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CDDAE5 Background



This preview shows how black text looks on a background with the Hex color CDDAE5.

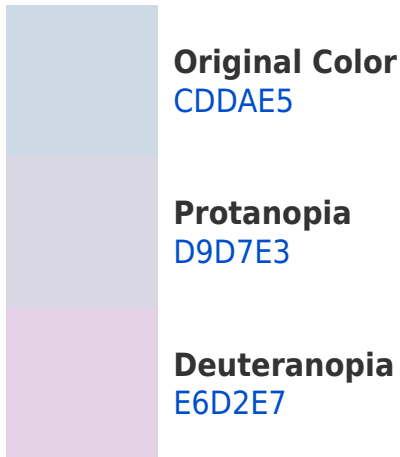


This preview shows how white text looks on a background with the Hex color CDDAE5.

# Color Blindness Simulation

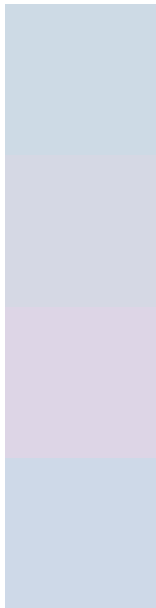
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



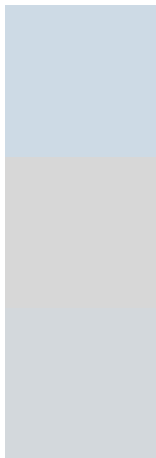
**Original Color**  
CDDAE5

**Protanomaly**  
D5D8E4

**Deuteranomaly**  
DDD5E6

**Tritanomaly**  
CED9E8

# Monochromacy



**Original Color**  
CDDAE5

**Achromatopsia**  
D7D7D7

**Achromatomaly**  
D3D8DC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDDAE5 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 #CDDAE5 looks like.

```
.text, #text, p{  
    color:#CDDAE5  
}
```

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 #CDDAE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDDAE5  
}
```

## Border

The CSS property to change the border of an element to Hex CDDAE5 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  
#CDDAE5 }
```

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

```
.border{ border-color:#CDDAE5 }
```

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

Here you see how a box with a 4 pixel #CDDAE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDDAE5; -webkit-box-shadow:4px 4px  
4px 4px #CDDAE5; box-shadow:4px 4px 4px  
4px #CDDAE5 }
```

# Background

The CSS property to change the background color of an element to Hex CDDAE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDDAE5 }
```

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

```
.background{ background-color:#CDDAE5 }
```

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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