

# Converting Colors

Hex(CDDAE9)

Have a look what the booklet for  
Hex(CDDAE9) contains.

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# **Color**

**Hex(CDDAE9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDDAE9
RGB	205, 218, 233
RGB Percent	80%, 85%, 91%
CMY	0.1961, 0.1451, 0.0863
CMYK	0.12, 0.06, 0.00, 0.09
HSL	212°, 39%, 86%
HSV	212°, 12%, 91%
XYZ	64.9562, 69.0051, 86.9866
YIQ	215.8230, -12.5630, 1.9090

# Conversions

## Conversions Part 2

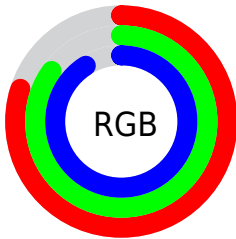
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	205, 214, 233
Decimal	13490921
CIE Lab	86.51, -1.42, -8.84
CIE LCh	87, 8.956, 260.866
Yxy	69.0051, 0.2940, 0.3123
Android (android.graphics.Color)	4291681001 (0xFFCDDAE9)
YUV	215.8230, 8.4683, -9.4918
Hunter-Lab	83.0693, -5.7929, -3.9374

# Details

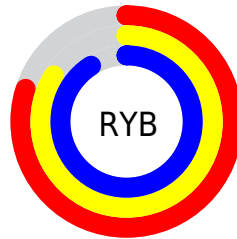
The Hex color **CDDAE9** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E9DCCD**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFFF**, and **97A3B1** is the 20% darker color. If you saturate the color by 10%, you get **B6CEE9**, and if you desaturate by 10%, it is **E4E6E9**.

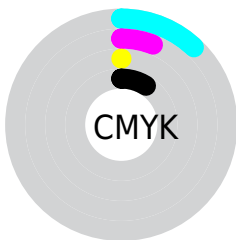
# Distribution



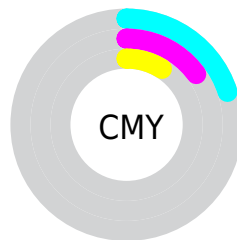
- Red (80%)
- Green (85%)
- Blue (91%)



- Red (80%)
- Yellow (84%)
- Blue (91%)



- Cyan (12%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)



- Cyan (20%)
- Magenta (15%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDDAE9 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 CDDAE9 by changing the saturation by 10% instead.



■ CDDAE9

FFFFFF

■ CDDAE9

■ B1BECD

■ 97A3B1

■ 7D8997

■ 64707D

■ 4B5764

■ 34404C

■ 1F2A35

■ 091620

■ 000007

 CDDAE9

 CDDAE9

 B6CEE9

 E4E6E9

 9EC1E9

 FCF3E9

 87B5E9

 FFFFE9

 70A8E9

 599CE9

 418FE9

 2A83E9

 1376E9

 006CE9

# Harmonies

## Analogous

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



C6DCE5



CDDAE9



D7D7E8

# Triad

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



CDDAE9



EBD3D3



CFDCCE

# Complementary

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



CDDAE9



E9DCCD

# 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.



D9DAC9



CDDAE9



E9D4CC

# Square

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



CDDAE9



E9D3DB



E2D7C8



C7DED5

# Rectangle

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



CDDAE9



DED5E5



E2D7C8



D3DBCC

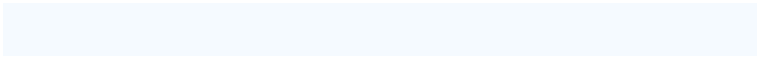


# Sweetspot

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



CDDAE9



F5FAFF



CDE9DC



797C80



000000



808080

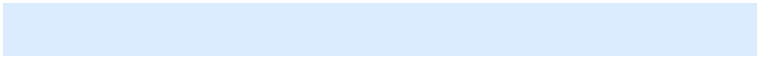


# Same Dimension

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



CDDAE9



DBECFF



CECDE9



6A6F75



0054B5



001936



# Inverse Universe

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



E9CDDA



FFDBEC



E8E9CD



756A6F



B50054

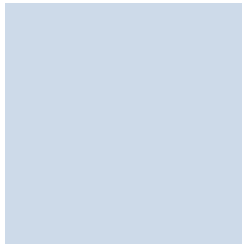


360019



# Previews

## White Background



This preview shows how the Hex color CDDAE9 looks on a white background.

## Color Contrast Check

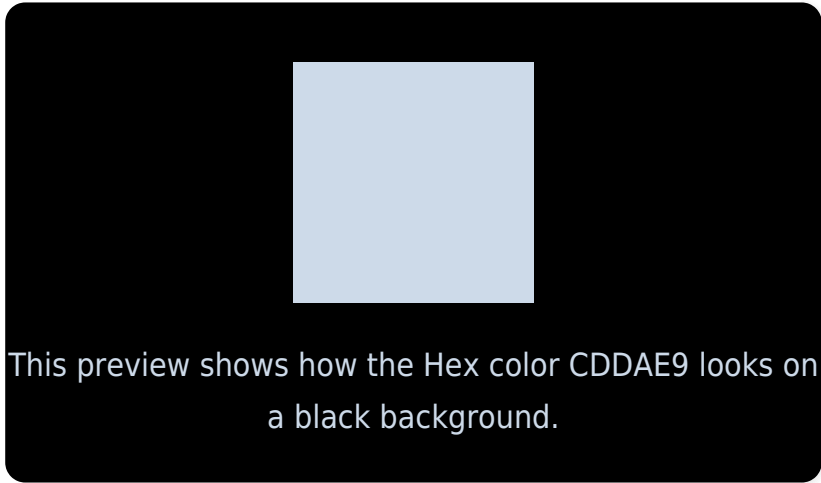
Large Text (above 18pt) WCAG AA × Fail

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

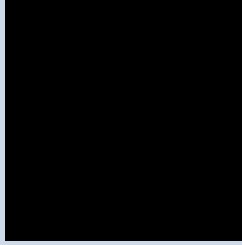
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

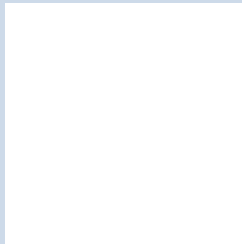
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CDDAE9 Background



This preview shows how black text looks on a background with the Hex color CDDAE9.

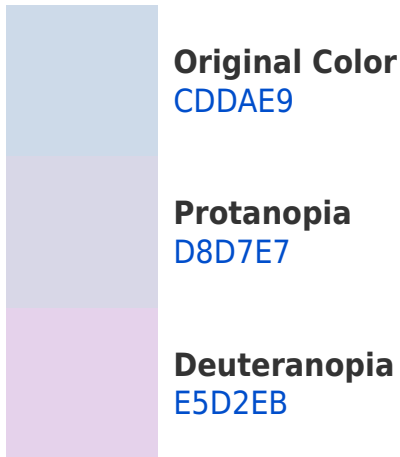


This preview shows how white text looks on a background with the Hex color CDDAE9.

# Color Blindness Simulation

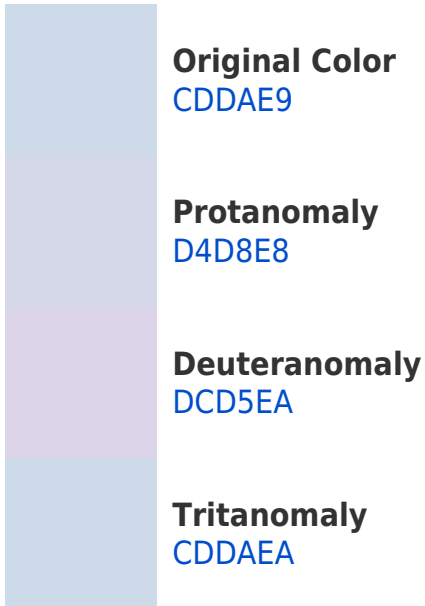
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

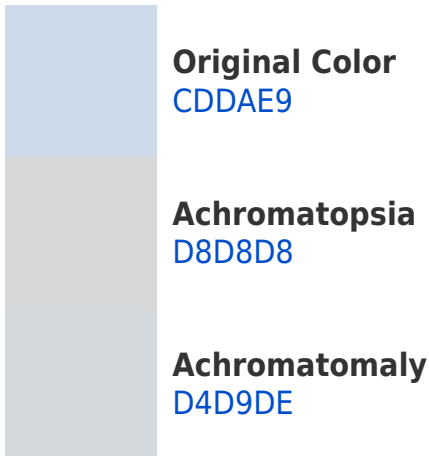




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDDAE9 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 #CDDAE9 looks like.

```
.text, #text, p{  
    color:#CDDAE9  
}
```

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 #CDDAE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDDAE9
}
```

## Border

The CSS property to change the border of an element to Hex CDDAE9 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
#CDDAE9 }
```

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

```
.border{ border-color:#CDDAE9 }
```

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

Here you see how a box with a 4 pixel #CDDAE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDDAE9; -webkit-box-shadow:4px 4px  
4px 4px #CDDAE9; box-shadow:4px 4px 4px  
4px #CDDAE9 }
```

# Background

The CSS property to change the background color of an element to Hex CDDAE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDDAE9 }
```

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

```
.background{ background-color:#CDDAE9 }
```

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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