

# Converting Colors

Hex(C9D3E7)

Have a look what the booklet for  
Hex(C9D3E7) contains.

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# **Color**

**Hex(C9D3E7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C9D3E7
RGB	201, 211, 231
RGB Percent	79%, 83%, 91%
CMY	0.2118, 0.1725, 0.0941
CMYK	0.13, 0.09, 0.00, 0.09
HSL	220°, 38%, 85%
HSV	220°, 13%, 91%
XYZ	61.8055, 64.7756, 84.8467
YIQ	210.2900, -12.3800, 4.1000

# Conversions

## Conversions Part 2

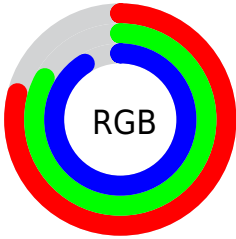
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	201, 209, 231
Decimal	13226983
CIE Lab	84.37, 0.56, -11.00
CIE LCh	84, 11.010, 272.901
Yxy	64.7756, 0.2923, 0.3064
Android (android.graphics.Color)	4291417063 (0xFFC9D3E7)
YUV	210.2900, 10.2100, -8.1473
Hunter-Lab	80.4833, -3.7703, -6.1662

# Details

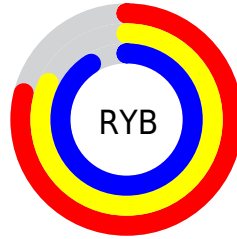
The Hex color **C9D3E7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E7DDC9**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFFFF**, and **939DAF** is the 20% darker color. If you saturate the color by 10%, you get **B2C4E7**, and if you desaturate by 10%, it is **E0E2E7**.

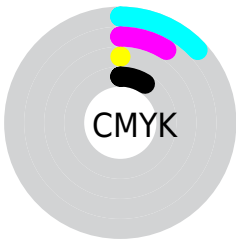
# Distribution



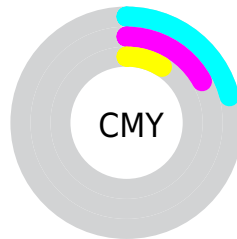
- Red (79%)
- Green (83%)
- Blue (91%)



- Red (79%)
- Yellow (82%)
- Blue (91%)



- Cyan (13%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)



- Cyan (21%)
- Magenta (17%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C9D3E7 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 C9D3E7 by changing the saturation by 10% instead.



■ C9D3E7

FFFFFF

■ C9D3E7

■ AEB7CB

■ 939DAF

■ 798395

■ 60697B

■ 485162

■ 313A4A

■ 1B2534

■ 04101F

■ 000003

 C9D3E7

 C9D3E7

 B2C4E7

 E0E2E7

 9BB4E7

 F7F2E7

 84A5E7

 FFFFE7

 6D95E7

 5686E7

 3E77E7

 2767E7

 1058E7

 004DE7

# Harmonies

## Analogous

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



BED6E5



C9D3E7



D6D0E4

# Triad

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



C9D3E7



E9CCC8



C3D8C9

# Complementary

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



C9D3E7



E7DDC9

# 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.



CED5C1



C9D3E7



E4CFC0

# Square

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



C9D3E7



E8CCD2



DAD2BE



BBD9D3

# Rectangle

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



C9D3E7



DECEDF



DAD2BE



C6D7C6



# Sweetspot

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



C9D3E7



F5F8FF



C9E7DD



797B80



000000



808080



# Same Dimension

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



C9D3E7



D6E4FF



CEC9E7



676B73



003BB3



001133



# Inverse Universe

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



E7C9D3



FFD6E4



E2E7C9



73676B



B3003B

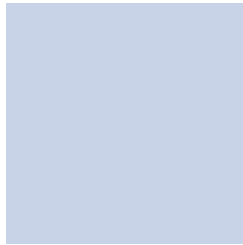


330011



# Previews

## White Background



This preview shows how the Hex color C9D3E7 looks on a white background.

## Color Contrast Check

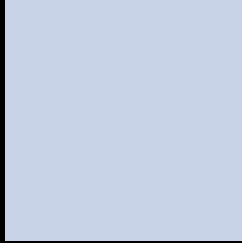
Large Text (above 18pt) WCAG AA × Fail

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 C9D3E7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

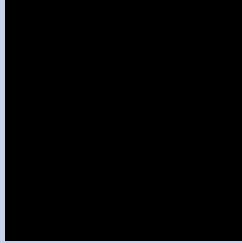
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C9D3E7 Background



This preview shows how black text looks on a background with the Hex color C9D3E7.

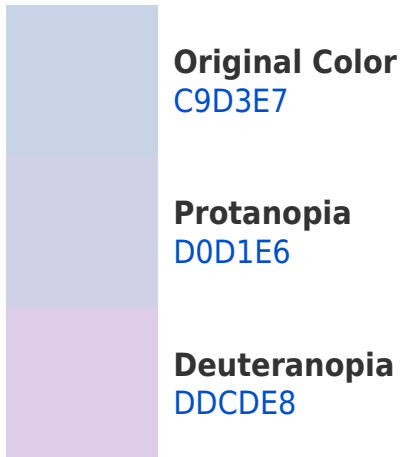


This preview shows how white text looks on a background with the Hex color C9D3E7.

# 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](#).

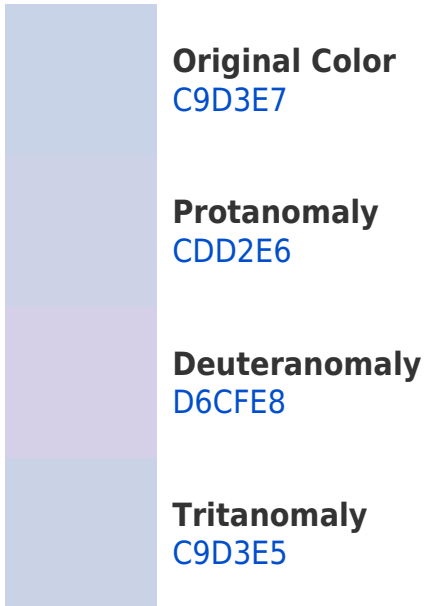
## Dichromacy



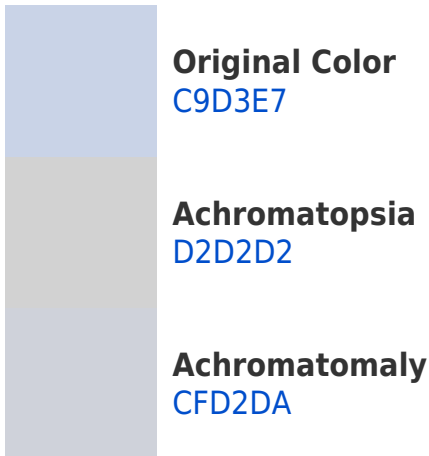


**Tritanopia**  
C9D3E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C9D3E7 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 #C9D3E7 looks like.

```
.text, #text, p{  
    color:#C9D3E7  
}
```

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 #C9D3E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9D3E7
}
```

## Border

The CSS property to change the border of an element to Hex C9D3E7 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
#C9D3E7 }
```

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

```
.border{ border-color:#C9D3E7 }
```

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

Here you see how a box with a 4 pixel #C9D3E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9D3E7; -webkit-box-shadow:4px 4px  
4px 4px #C9D3E7; box-shadow:4px 4px 4px  
4px #C9D3E7 }
```

# Background

The CSS property to change the background color of an element to Hex C9D3E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9D3E7 }
```

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

```
.background{ background-color:#C9D3E7 }
```

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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