

# Converting Colors

Hex(C7DAE8)

Have a look what the booklet for  
Hex(C7DAE8) contains.

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# **Color**

**Hex(C7DAE8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7DAE8
RGB	199, 218, 232
RGB Percent	78%, 85%, 91%
CMY	0.2196, 0.1451, 0.0902
CMYK	0.14, 0.06, 0.00, 0.09
HSL	205°, 42%, 85%
HSV	205°, 14%, 91%
XYZ	63.1901, 68.1111, 86.1602
YIQ	213.9150, -15.8180, 0.3260

# Conversions

## Conversions Part 2

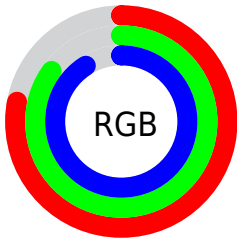
Format	Color
R <sub>Y</sub> B	199, 211, 232
Decimal	13097704
CIE Lab	86.06, -3.53, -9.02
CIE LCh	86, 9.687, 248.607
Yxy	68.1111, 0.2906, 0.3132
Android (android.graphics.Color)	4291287784 (0xFFC7DAE8)
YUV	213.9150, 8.9159, -13.0805
Hunter-Lab	82.5295, -7.7550, -4.1278

# Details

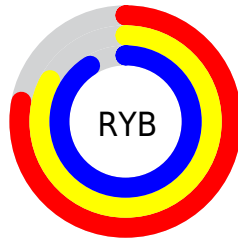
The Hex color **C7DAE8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E8D5C7**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFFFF**, and **91A3B0** is the 20% darker color. If you saturate the color by 10%, you get **B0D0E8**, and if you desaturate by 10%, it is **DEE4E8**.

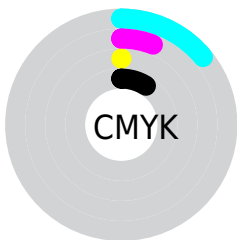
# Distribution



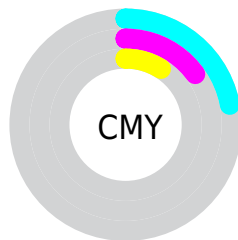
- Red (78%)
- Green (85%)
- Blue (91%)



- Red (78%)
- Yellow (83%)
- Blue (91%)



- Cyan (14%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)



- Cyan (22%)
- Magenta (15%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7DAE8 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 C7DAE8 by changing the saturation by 10% instead.



■ C7DAE8

FFFFFF

■ C7DAE8

■ ACBECC

■ 91A3B0

■ 778996

■ 5E707C

■ 465763

■ 2F404B

■ 192A35

■ 02161F

■ 000005

 C7DAE8

 C7DAE8

 B0D0E8

 DEE4E8

 99C6E8

 F5EEE8

 81BCE8

 FFF8E8

 6AB3E8

 FFFF8E8

 53A9E8

 3C9FE8

 2595E8

 0D8BE8

 0086E8

# Harmonies

## Analogous

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



C1DCE2



C7DAE8



D1D7E9

# Triad

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



C7DAE8



EBD1D5



D2DAC9

# Complementary

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



C7DAE8



E8D5C7

# 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.



DCD7C5



C7DAE8



EBD2CC

# Square

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



C7DAE8



E6D2DE



E5D4C6



C8DCD0

# Rectangle

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



C7DAE8



D9D5E7



E5D4C6



D5D9C7

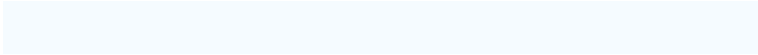


# Sweetspot

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



C7DAE8



F5FBFF



C7E8D5



797D80



000000



808080

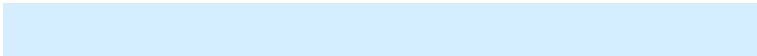


# Same Dimension

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



C7DAE8



D4EDFF



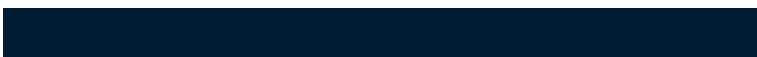
C7CAE8



676E73



0067B3



001D33



# Inverse Universe

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



E8C7DA



FFD4ED



E8E5C7



73676E



B30067

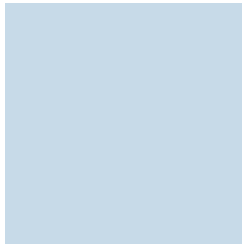


33001D



# Previews

## White Background



This preview shows how the Hex color C7DAE8 looks on a white background.

## Color Contrast Check

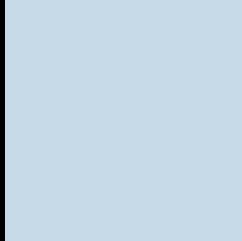
Large Text (above 18pt) WCAG AA × Fail

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 C7DAE8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

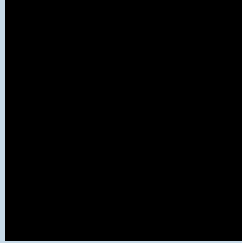
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

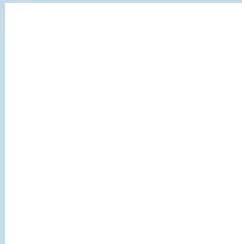
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C7DAE8 Background



This preview shows how black text looks on a background with the Hex color C7DAE8.

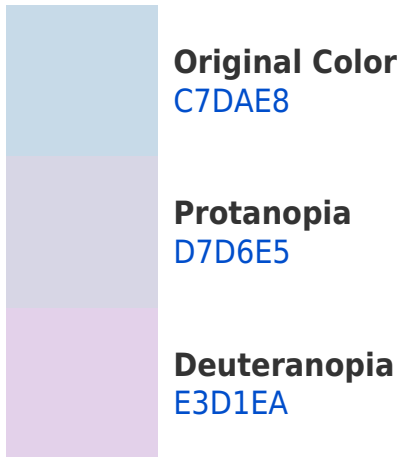


This preview shows how white text looks on a background with the Hex color C7DAE8.

# 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



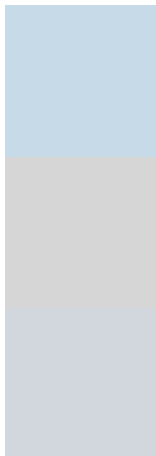
**Original Color**  
C7DAE8

**Protanomaly**  
D1D7E6

**Deuteranomaly**  
D9D4E9

**Tritanomaly**  
C8DAEA

# Monochromacy



**Original Color**  
C7DAE8

**Achromatopsia**  
D6D6D6

**Achromatomaly**  
D1D7DD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7DAE8 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 #C7DAE8 looks like.

```
.text, #text, p{  
    color:#C7DAE8  
}
```

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 #C7DAE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7DAE8
}
```

## Border

The CSS property to change the border of an element to Hex C7DAE8 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
#C7DAE8 }
```

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

```
.border{ border-color:#C7DAE8 }
```

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

Here you see how a box with a 4 pixel #C7DAE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7DAE8; -webkit-box-shadow:4px 4px  
4px 4px #C7DAE8; box-shadow:4px 4px 4px  
4px #C7DAE8 }
```

# Background

The CSS property to change the background color of an element to Hex C7DAE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7DAE8 }
```

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

```
.background{ background-color:#C7DAE8 }
```

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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