

# Converting Colors

Hex(C7D1ED)

Have a look what the booklet for  
Hex(C7D1ED) contains.

<b>Hex(C7D1ED)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(C7D1ED)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C7D1ED
RGB	199, 209, 237
RGB Percent	78%, 82%, 93%
CMY	0.2196, 0.1804, 0.0706
CMYK	0.16, 0.12, 0.00, 0.07
HSL	224°, 51%, 85%
HSV	224°, 16%, 93%
XYZ	61.6397, 63.8575, 89.1977
YIQ	209.2020, -14.9480, 6.5880

# Conversions

## Conversions Part 2

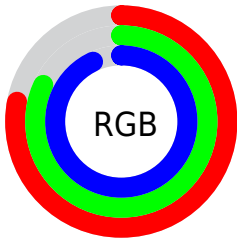
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	199, 207, 237
Decimal	13095405
CIE Lab	83.89, 2.22, -14.91
CIE LCh	84, 15.076, 278.481
Yxy	63.8575, 0.2871, 0.2974
Android (android.graphics.Color)	4291285485 (0xFFC7D1ED)
YUV	209.2020, 13.7044, -8.9472
Hunter-Lab	79.9109, -2.1570, -10.2428

# Details

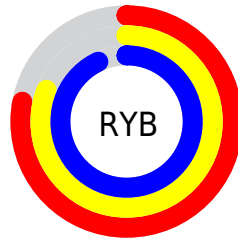
The Hex color **C7D1ED** is a light color, and the websafe version is hex **CCCCCCF**. A complement of this color would be **EDE3C7**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFFFF**, and **919BB5** is the 20% darker color. If you saturate the color by 10%, you get **AFC0ED**, and if you desaturate by 10%, it is **DFE2ED**.

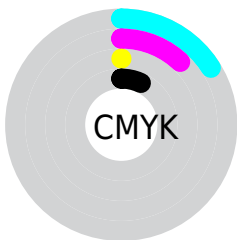
# Distribution



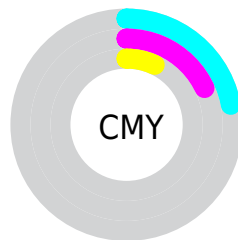
- Red (78%)
- Green (82%)
- Blue (93%)



- Red (78%)
- Yellow (81%)
- Blue (93%)



- Cyan (16%)
- Magenta (12%)
- Yellow (0%)
- Black (7%)



- Cyan (22%)
- Magenta (18%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7D1ED 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 C7D1ED by changing the saturation by 10% instead.



■ C7D1ED

FFFFFF

■ C7D1ED

■ ACB5D1

■ 919BB5

■ 77819A

■ 5E6880

■ 465067

■ 2F394F

■ 182338

■ 010E23

■ 00000B

 C7D1ED

 C7D1ED

 AFC0ED

 DFE2ED

 98AEED

 F6F4ED


 809DED

 FFFFED

 688BED

 507AED

 3968ED

 2157ED

 0945ED

 003EED

# Harmonies

## Analogous

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



B7D5EB



C7D1ED



D9CCE7

# Triad

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



C7D1ED



EEC9C0



B9D9C6

# Complementary

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



C7D1ED



EDE3C7

# 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.



C8D6BB



C7D1ED



E6CDB7

# Square

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



C7D1ED



EFC7CE



D9D1B5



AFDAD5

# Rectangle

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



C7D1ED



E3CAE0



D9D1B5



BED8C2

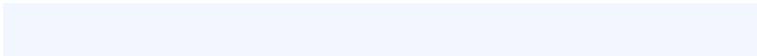


# Sweetspot

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



C7D1ED



F2F6FF



C7EDE3



787A80



000000



808080



# Same Dimension

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



C7D1ED



CFDBFF



D0C7ED



6A6D75



0030B5



000E36



# Inverse Universe

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



EDC7D1



FFCFDB



E4EDC7



756A6D



B50030

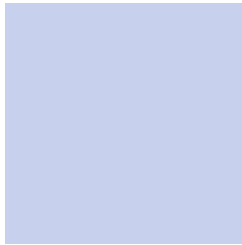


36000E



# Previews

## White Background



This preview shows how the Hex color C7D1ED looks on a white background.

## Color Contrast Check

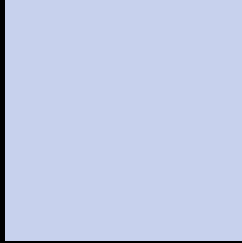
Large Text (above 18pt) WCAG AA × Fail

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 C7D1ED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

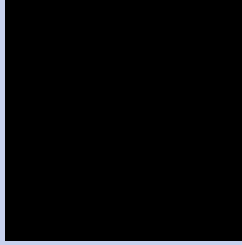
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C7D1ED Background



This preview shows how black text looks on a background with the Hex color C7D1ED.

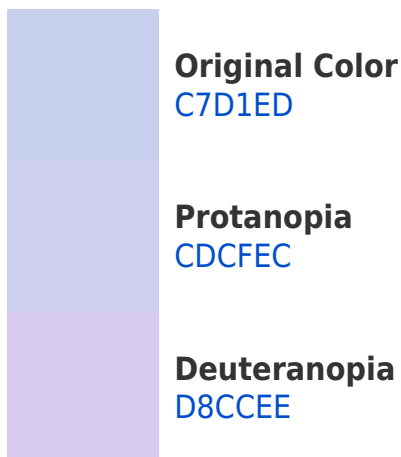


This preview shows how white text looks on a background with the Hex color C7D1ED.

# 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](#).

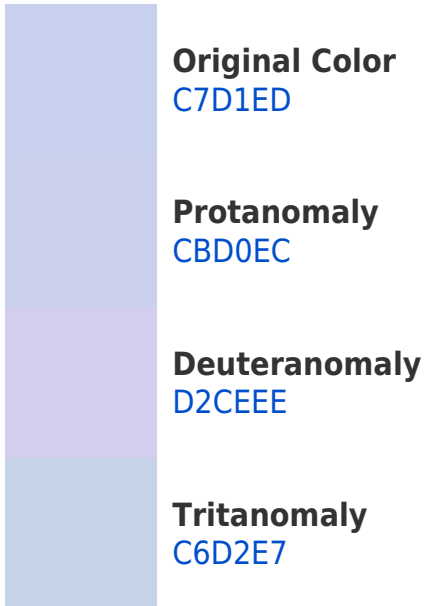
## Dichromacy



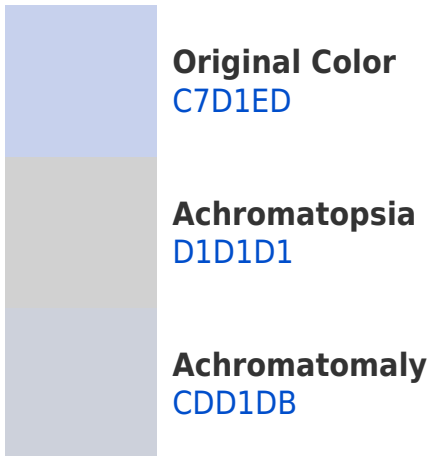


**Tritanopia**  
C5D3E3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7D1ED 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 #C7D1ED looks like.

```
.text, #text, p{  
    color:#C7D1ED  
}
```

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 #C7D1ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7D1ED
}
```

## Border

The CSS property to change the border of an element to Hex C7D1ED 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
#C7D1ED }
```

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

```
.border{ border-color:#C7D1ED }
```

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

Here you see how a box with a 4 pixel #C7D1ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7D1ED; -webkit-box-shadow:4px 4px  
4px 4px #C7D1ED; box-shadow:4px 4px 4px  
4px #C7D1ED }
```

# Background

The CSS property to change the background color of an element to Hex C7D1ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7D1ED }
```

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

```
.background{ background-color:#C7D1ED }
```

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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