

# Converting Colors

Hex(C7C7D9)

Have a look what the booklet for  
Hex(C7C7D9) contains.

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# **Color**

**Hex(C7C7D9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7C7D9
RGB	199, 199, 217
RGB Percent	78%, 78%, 85%
CMY	0.2196, 0.2196, 0.1490
CMYK	0.08, 0.08, 0.00, 0.15
HSL	240°, 19%, 82%
HSV	240°, 8%, 85%
XYZ	56.5010, 57.9987, 73.8626
YIQ	201.0520, -5.7780, 5.5980

# Conversions

## Conversions Part 2

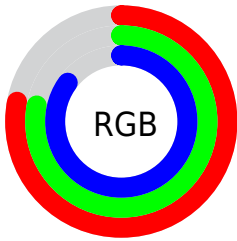
Format	Color
R <sub>Y</sub> B	199, 199, 217
Decimal	13092825
CIE Lab	80.74, 3.44, -8.94
CIE LCh	81, 9.581, 291.031
Yxy	57.9987, 0.3000, 0.3079
Android (android.graphics.Color)	4291282905 (0xFFC7C7D9)
YUV	201.0520, 7.8624, -1.7996
Hunter-Lab	76.1569, -0.8449, -4.1940

# Details

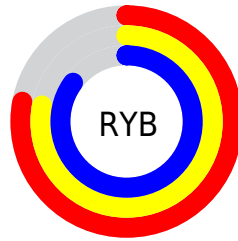
The Hex color **C7C7D9** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D9D9C7**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFFFF**, and **9191A2** is the 20% darker color. If you saturate the color by 10%, you get **B1B1D9**, and if you desaturate by 10%, it is **DDDDD9**.

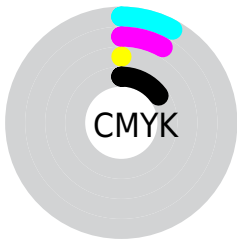
# Distribution



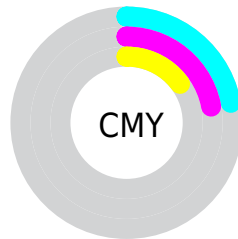
- Red (78%)
- Green (78%)
- Blue (85%)



- Red (78%)
- Yellow (78%)
- Blue (85%)



- Cyan (8%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color C7C7D9 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 C7C7D9 by changing the saturation by 10% instead.



■ C7C7D9

FFFFFF

■ C7C7D9

■ ACACBD

■ 9191A2

■ 777888

■ 5F5F6F

■ 474756

■ 30313F

■ 1B1C29

■ 010115

■ 000000

 C7C7D9

 C7C7D9

 B1B1D9

 DDDDD9

 9C9CD9

 F2F2D9

 8686D9


 FFFFD9

 7070D9

 5B5BD9

 4545D9

 2F2FD9

 1919D9

 0404D9

# Harmonies

## Analogous

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



BCCADA



C7C7D9



D2C4D4

# Triad

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



C7C7D9



DAC4BB



B6CEC5

# Complementary

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



C7C7D9



D9D9C7

# 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.



**BFCCBD**



**C7C7D9**



**D3C7B7**

# Square

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



C7C7D9



DCC3C2



C9CAB8



B2CECE

# Rectangle

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



C7C7D9



D7C3CE



C9CAB8



B9CDC2



# Sweetspot

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



C7C7D9



FAFAFF



C7D9D9



7D7D80



000000



808080



# Same Dimension

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



C7C7D9



E6E6FF



D0C7D9



63636E



0000AD



00002E



# Inverse Universe

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



D9C7D9



FFE6FF



D0D9C7



6E636E



AD00AD

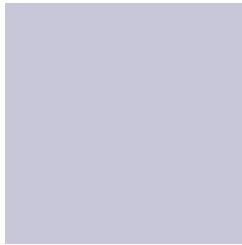


2E002E



# Previews

## White Background



This preview shows how the Hex color C7C7D9 looks on a white background.

## Color Contrast Check

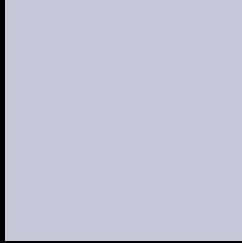
Large Text (above 18pt) WCAG AA × Fail

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 C7C7D9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

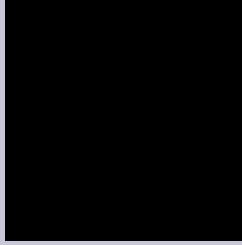
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

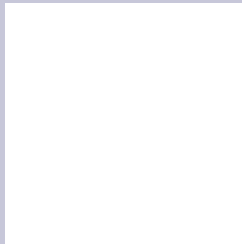
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C7C7D9 Background



This preview shows how black text looks on a background with the Hex color C7C7D9.

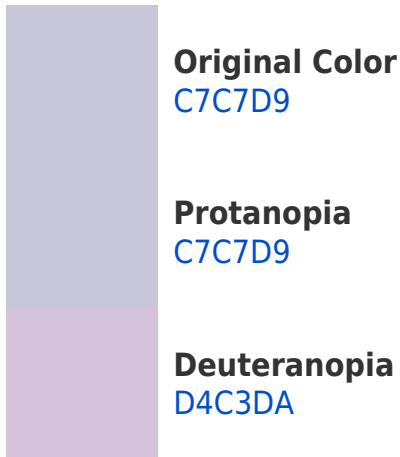


This preview shows how white text looks on a background with the Hex color C7C7D9.

# 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**  
C7C7D7

# Trichromacy



**Original Color**  
C7C7D9

**Protanomaly**  
C7C7D9

**Deuteranomaly**  
CFC4DA

**Tritanomaly**  
C7C7D8

# Monochromacy



**Original Color**  
C7C7D9

**Achromatopsia**  
C9C9C9

**Achromatomaly**  
C8C8CF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7C7D9 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 #C7C7D9 looks like.

```
.text, #text, p{  
    color:#C7C7D9  
}
```

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 #C7C7D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7C7D9
}
```

## Border

The CSS property to change the border of an element to Hex C7C7D9 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
#C7C7D9 }
```

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

```
.border{ border-color:#C7C7D9 }
```

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

Here you see how a box with a 4 pixel `#C7C7D9` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7C7D9; -webkit-box-shadow:4px 4px  
4px 4px #C7C7D9; box-shadow:4px 4px 4px  
4px #C7C7D9 }
```

# Background

The CSS property to change the background color of an element to Hex C7C7D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7C7D9 }
```

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

```
.background{ background-color:#C7C7D9 }
```

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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