

# Converting Colors

Hex(C1C8D9)

Have a look what the booklet for  
Hex(C1C8D9) contains.

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# **Color**

**Hex(C1C8D9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1C8D9
RGB	193, 200, 217
RGB Percent	76%, 78%, 85%
CMY	0.2431, 0.2157, 0.1490
CMYK	0.11, 0.08, 0.00, 0.15
HSL	222°, 24%, 80%
HSV	222°, 11%, 85%
XYZ	55.1710, 57.6558, 73.8665
YIQ	199.8450, -9.6290, 3.8030

# Conversions

## Conversions Part 2

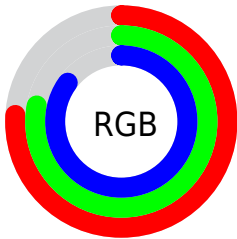
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 198, 217
Decimal	12699865
CIE Lab	80.55, 0.94, -9.27
CIE LCh	81, 9.322, 275.767
Yxy	57.6558, 0.2955, 0.3088
Android (android.graphics.Color)	4290889945 (0xFFC1C8D9)
YUV	199.8450, 8.4574, -6.0031
Hunter-Lab	75.9314, -3.1836, -4.5257

# Details

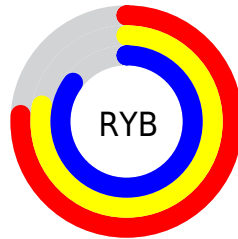
The Hex color **C1C8D9** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D9D2C1**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FAFFFF**, and **8B92A2** is the 20% darker color. If you saturate the color by 10%, you get **ABB9D9**, and if you desaturate by 10%, it is **D7D7D9**.

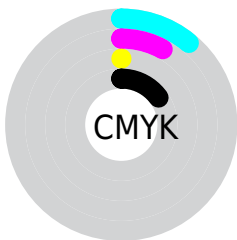
# Distribution



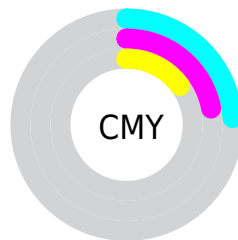
- Red (76%)
- Green (78%)
- Blue (85%)



- Red (76%)
- Yellow (78%)
- Blue (85%)



- Cyan (11%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (24%)
- Magenta (22%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1C8D9 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 C1C8D9 by changing the saturation by 10% instead.



 C1C8D9

FFFFFF

 FAFFFF

 C1C8D9

 A6ADB D

 8B92A2

 727888

 59606F

 424856

 2B323F

 161D29

 000215

 000000

 C1C8D9

 C1C8D9

 ABB9D9

 D7D7D9

 96A9D9

 ECE7D9

 809AD9

 FFF6D9

 6A8BD9

 FFFFD9

 557BD9

 3F6CD9

 295CD9

 134DD9

 003FD9

# Harmonies

## Analogous

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



B8CBD7



C1C8D9



CCC5D6

# Triad

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



C1C8D9



DBC3BE



BACCC0

# Complementary

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



C1C8D9



D9D2C1

# 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.



C3CABA



C1C8D9



D6C5B8

# Square

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



C1C8D9



DAC2C6



CEC8B7



B4CDC9

# Rectangle

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



C1C8D9



D2C4D2



CEC8B7



BDCCBE

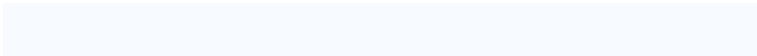


# Sweetspot

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



C1C8D9



F7FAFF



C1D9D2



7A7C80



000000



808080



# Same Dimension

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



C1C8D9



DEE8FF



C6C1D9



63666E



0033AD



000D2E



# Inverse Universe

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



D9C1C8



FFDEE8



D4D9C1



6E6366



AD0033

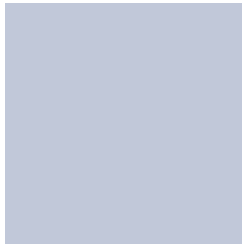


2E000D



# Previews

## White Background



This preview shows how the Hex color C1C8D9 looks on a white background.

## Color Contrast Check

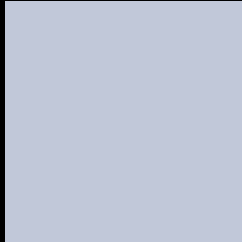
Large Text (above 18pt) WCAG AA × Fail

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 C1C8D9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

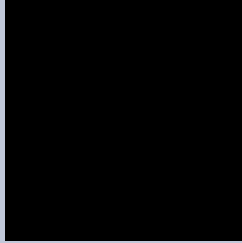
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

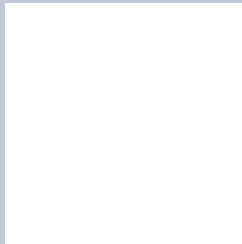
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C1C8D9 Background



This preview shows how black text looks on a background with the Hex color C1C8D9.

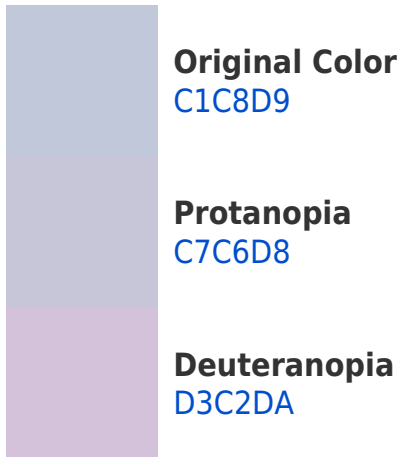


This preview shows how white text looks on a background with the Hex color C1C8D9.

# 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**  
C1C8D8

# Trichromacy



**Original Color**  
C1C8D9

**Protanomaly**  
C5C7D8

**Deuteranomaly**  
CCC4DA

**Tritanomaly**  
C1C8D8

# Monochromacy



**Original Color**  
C1C8D9

**Achromatopsia**  
C8C8C8

**Achromatomaly**  
C5C8CE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1C8D9 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 #C1C8D9 looks like.

```
.text, #text, p{  
    color:#C1C8D9  
}
```

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 #C1C8D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1C8D9
}
```

## Border

The CSS property to change the border of an element to Hex C1C8D9 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
#C1C8D9 }
```

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

```
.border{ border-color:#C1C8D9 }
```

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

Here you see how a box with a 4 pixel `#C1C8D9` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1C8D9; -webkit-box-shadow:4px 4px  
4px 4px #C1C8D9; box-shadow:4px 4px 4px  
4px #C1C8D9 }
```

# Background

The CSS property to change the background color of an element to Hex C1C8D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1C8D9 }
```

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

```
.background{ background-color:#C1C8D9 }
```

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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