

# Converting Colors

Hex(C8CDD7)

Have a look what the booklet for  
Hex(C8CDD7) contains.

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# **Color**

**Hex(C8CDD7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C8CDD7
RGB	200, 205, 215
RGB Percent	78%, 80%, 84%
CMY	0.2157, 0.1961, 0.1569
CMYK	0.07, 0.05, 0.00, 0.16
HSL	220°, 16%, 81%
HSV	220°, 7%, 84%
XYZ	57.9165, 60.8483, 72.9823
YIQ	204.6450, -6.1900, 2.0500

# Conversions

## Conversions Part 2

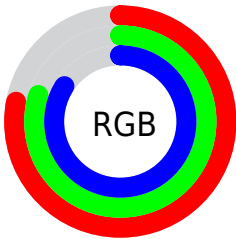
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	200, 204, 215
Decimal	13159895
CIE Lab	82.30, 0.20, -5.55
CIE LCh	82, 5.557, 272.064
Yxy	60.8483, 0.3020, 0.3173
Android (android.graphics.Color)	4291349975 (0xFFC8CDD7)
YUV	204.6450, 5.1050, -4.0737
Hunter-Lab	78.0053, -3.9787, -0.8684

# Details

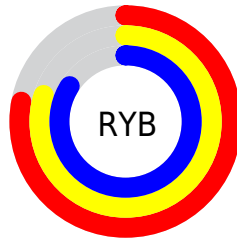
The Hex color **C8CDD7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D7D2C8**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFFFF**, and **9297A0** is the 20% darker color. If you saturate the color by 10%, you get **B3BFD7**, and if you desaturate by 10%, it is **DEDBD7**.

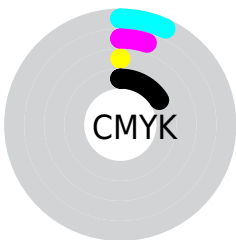
# Distribution



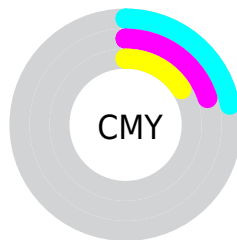
- Red (78%)
- Green (80%)
- Blue (84%)



- Red (78%)
- Yellow (80%)
- Blue (84%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (22%)
- Magenta (20%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8CDD7 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 C8CDD7 by changing the saturation by 10% instead.



■ C8CDD7

FFFFFF

■ C8CDD7

■ ADB2BB

■ 9297A0

■ 787D86

■ 60646D

■ 484C55

■ 31363D

■ 1C2028

■ 030913

■ 000000

 C8CDD7

 C8CDD7

 B3BFD7

 DEDBD7

 9DB0D7

 F3EAD7

 88A2D7


 FFF8D7

 7294D7

 FFFF7D

 5D85D7

 4777D7

 3169D7

 1C5AD7

 064CD7

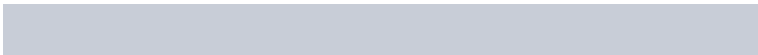
# Harmonies

## Analogous

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



C3CFD6



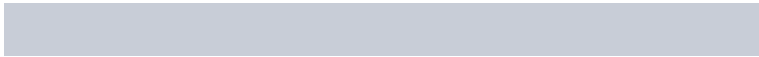
C8CDD7



CECBD6

# Triad

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



C8CDD7



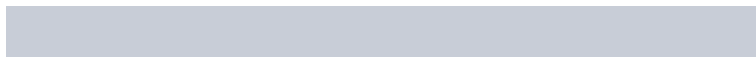
D8CAC7



C5CFC8

# Complementary

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



C8CDD7



D7D2C8

# 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.



CBCEC4



C8CDD7



D6CBC4

# Square

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



C8CDD7



D8C9CD



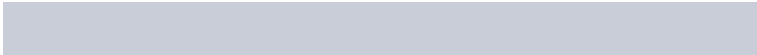
D1CCC2



C1D0CD

# Rectangle

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



C8CDD7



D2CAD3



D1CCC2

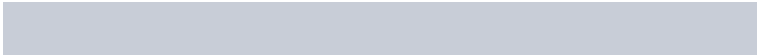


C7CFC6



# Sweetspot

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



C8CDD7



FAFCFF



C8D7D2



7D7E80



000000



808080



# Same Dimension

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



C8CDD7



EBF1FF



CAC8D7



60646B



0039AB



000E2B



# Inverse Universe

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



D7C8CD



FFEBF1



D5D7C8



6B6064



AB0039

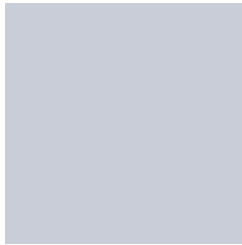


2B000E



# Previews

## White Background



This preview shows how the Hex color C8CDD7 looks on a white background.

## Color Contrast Check

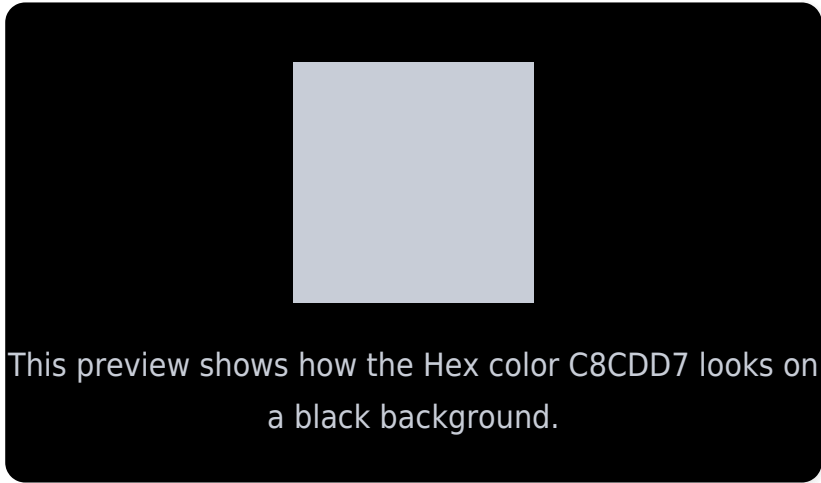
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

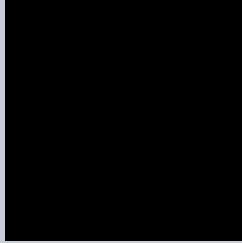
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

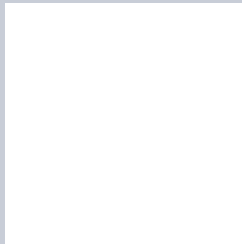
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C8CDD7 Background



This preview shows how black text looks on a background with the Hex color C8CDD7.



This preview shows how white text looks on a background with the Hex color C8CDD7.

# 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



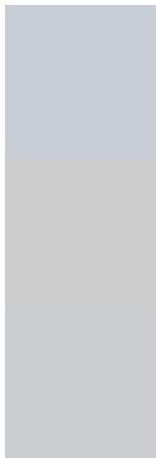
**Original Color**  
C8CDD7

**Protanomaly**  
CBCCD6

**Deuteranomaly**  
D4C9D8

**Tritanomaly**  
C9CCDA

# Monochromacy



**Original Color**  
C8CDD7

**Achromatopsia**  
CDCDCD

**Achromatomaly**  
CBCDD1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8CDD7 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 #C8CDD7 looks like.

```
.text, #text, p{  
    color:#C8CDD7  
}
```

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 #C8CDD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8CDD7
}
```

## Border

The CSS property to change the border of an element to Hex C8CDD7 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
#C8CDD7 }
```

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

```
.border{ border-color:#C8CDD7 }
```

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

Here you see how a box with a 4 pixel `#C8CDD7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8CDD7; -webkit-box-shadow:4px 4px  
4px 4px #C8CDD7; box-shadow:4px 4px 4px  
4px #C8CDD7 }
```

# Background

The CSS property to change the background color of an element to Hex C8CDD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8CDD7 }
```

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

```
.background{ background-color:#C8CDD7 }
```

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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