

# Converting Colors

Hex(C6CDD8)

Have a look what the booklet for  
Hex(C6CDD8) contains.

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# **Color**

**Hex(C6CDD8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C6CDD8
RGB	198, 205, 216
RGB Percent	78%, 80%, 85%
CMY	0.2235, 0.1961, 0.1529
CMYK	0.08, 0.05, 0.00, 0.15
HSL	217°, 19%, 81%
HSV	217°, 8%, 85%
XYZ	57.5147, 60.6263, 73.6364
YIQ	204.1610, -7.7030, 1.9370

# Conversions

## Conversions Part 2

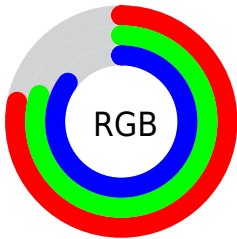
<b>Format</b>	<b>Color</b>
<b>RYB</b>	198, 203, 216
Decimal	13028824
CIELab	82.18, -0.27, -6.28
CIElCh	82, 6.287, 267.571
Yxy	60.6263, 0.2999, 0.3161
Android (android.graphics.Color)	4291218904 (0xFFC6CDD8)
YUV	204.1610, 5.8366, -5.4032
Hunter-Lab	77.8629, -4.4081, -1.5677

# Details

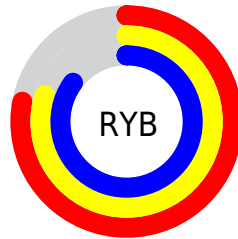
The Hex color **C6CDD8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D8D1C6**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFFFF**, and **9097A1** is the 20% darker color. If you saturate the color by 10%, you get **B0C0D8**, and if you desaturate by 10%, it is **DCDAD8**.

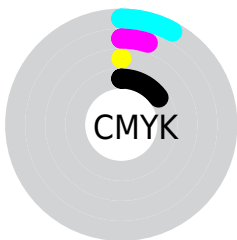
# Distribution



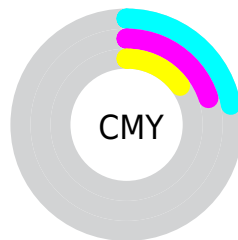
- Red (78%)
- Green (80%)
- Blue (85%)



- Red (78%)
- Yellow (80%)
- Blue (85%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (22%)
- Magenta (20%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6CDD8 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 C6CDD8 by changing the saturation by 10% instead.



■ C6CDD8

FFFFFF

■ C6CDD8

■ ABB2BC

■ 9097A1

■ 767D87

■ 5E646E

■ 464C55

■ 30363E

■ 1A2028

■ 000914

■ 000000

 C6CDD8

 C6CDD8

 B0C0D8

 DCDAD8

 9BB3D8

 F1E7D8

 85A5D8

 FFF5D8

 7098D8

 FFFF8

 5A8BD8

 447ED8

 2F71D8

 1963D8

 0456D8

# Harmonies

## Analogous

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



C0CFD6



C6CDD8



CDCBD7

# Triad

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



C6CDD8



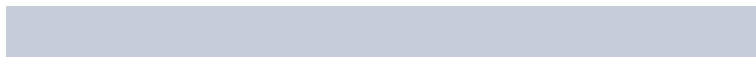
DAC9C7



C5CFC6

# Complementary

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



C6CDD8



D8D1C6

# 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.



CBCEC2



C6CDD8



D7CAC3

# Square

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



C6CDD8



D8C9CD



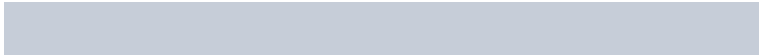
D2CCC1



C0D0CC

# Rectangle

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



C6CDD8



D2CAD4



D2CCC1

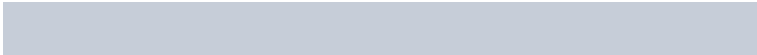


C7CFC4



# Sweetspot

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



C6CDD8



F7FAFF



C6D8D1



7A7C80



000000

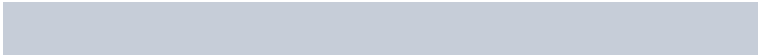


808080

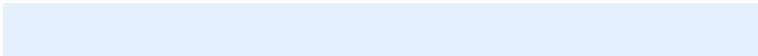


# Same Dimension

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



C6CDD8



E6EFFF



C8C6D8



60656B



0042AB



00112B



# Inverse Universe

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



D8C6CD



FFE6EF



D6D8C6



6B6065



AB0042

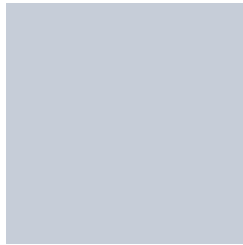


2B0011



# Previews

## White Background



This preview shows how the Hex color C6CDD8 looks on a white background.

## Color Contrast Check

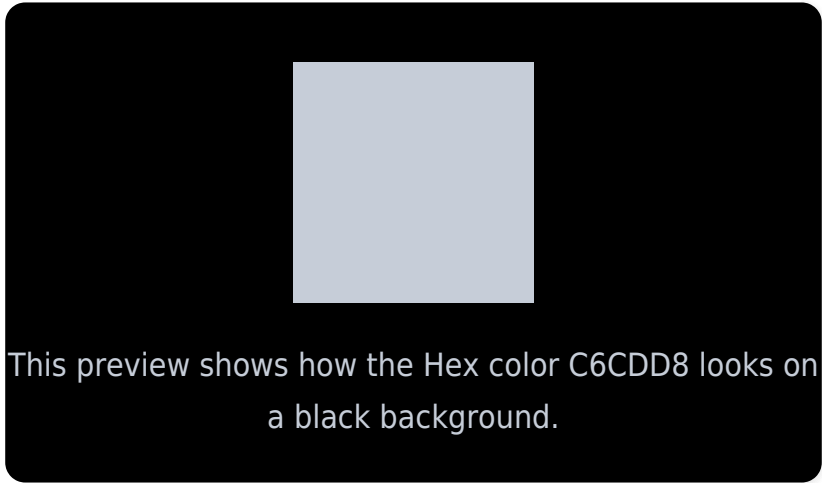
Large Text (above 18pt) WCAG AA × Fail

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

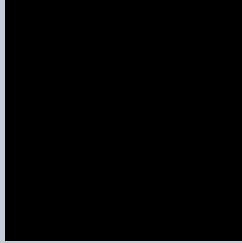
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

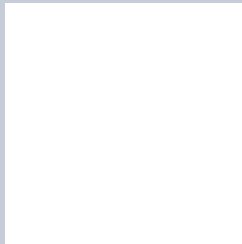
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C6CDD8 Background



This preview shows how black text looks on a background with the Hex color C6CDD8.

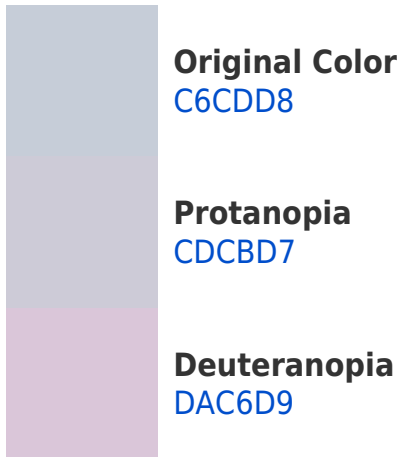


This preview shows how white text looks on a background with the Hex color C6CDD8.

# 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



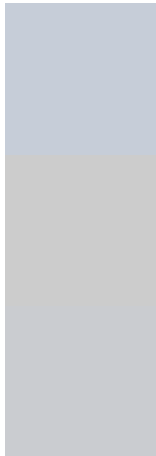
**Original Color**  
C6CDD8

**Protanomaly**  
CACCD7

**Deuteranomaly**  
D3C9D9

**Tritanomaly**  
C7CCDB

# Monochromacy



**Original Color**  
C6CDD8

**Achromatopsia**  
CCCCCC

**Achromatomaly**  
CACCD0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6CDD8 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 #C6CDD8 looks like.

```
.text, #text, p{  
    color:#C6CDD8  
}
```

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 #C6CDD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6CDD8 }  
}
```

## Border

The CSS property to change the border of an element to Hex C6CDD8 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 #C6CDD8 }  
}
```

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

```
.border{ border-color:#C6CDD8 }
```

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

Here you see how a box with a 4 pixel #C6CDD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6CDD8; -webkit-box-shadow:4px 4px  
4px 4px #C6CDD8; box-shadow:4px 4px 4px  
4px #C6CDD8 }
```

# Background

The CSS property to change the background color of an element to Hex C6CDD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6CDD8 }
```

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

```
.background{ background-color:#C6CDD8 }
```

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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