

Converting Colors

Hex(C6CDD7)

Have a look what the booklet for
Hex(C6CDD7) contains.

Hex(C6CDD7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C6CDD7)

Conversions

Conversions Part 1

Format	Color
Hex	C6CDD7
RGB	198, 205, 215
RGB Percent	78%, 80%, 84%
CMY	0.2235, 0.1961, 0.1569
CMYK	0.08, 0.05, 0.00, 0.16
HSL	215°, 18%, 81%
HSV	215°, 8%, 84%
XYZ	57.3858, 60.5747, 72.9575
YIQ	204.0470, -7.3820, 1.6260

Conversions

Conversions Part 2

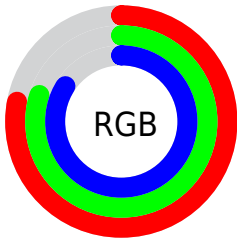
Format	Color
RYB	198, 203, 215
Decimal	13028823
CIELab	82.15, -0.46, -5.79
CIELCh	82, 5.807, 265.430
Yxy	60.5747, 0.3006, 0.3173
Android (android.graphics.Color)	4291218903 (0xFFC6CDD7)
YUV	204.0470, 5.3998, -5.3032
Hunter-Lab	77.8298, -4.5897, -1.0975

Details

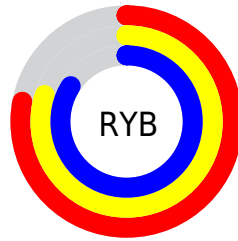
The Hex color **C6CDD7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D7D0C6**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFFFF**, and **9097A0** is the 20% darker color. If you saturate the color by 10%, you get **B1C0D7**, and if you desaturate by 10%, it is **DCDAD7**.

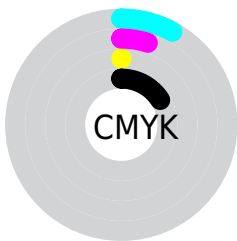
Distribution



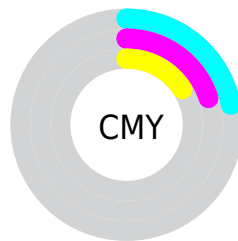
- Red (78%)
- Green (80%)
- Blue (84%)



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



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color C6CDD7 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 C6CDD7 by changing the saturation by 10% instead.

■ C6CDD7

FFFFFF

■ C6CDD7

■ ABB2BB

■ 9097A0

■ 767D86

■ 5E646D

■ 464C55

■ 30363D

■ 1B2028

■ 000913

■ 000000

 C6CDD7

 C6CDD7

 B1C0D7

 DCDAD7

 9BB4D7

 F1E6D7

 86A7D7

 FFF3D7

 709AD7

 FFFF7D

 5B8ED7

 4581D7

 3074D7

 1A68D7

 055BD7

Harmonies

Analogous

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



C1CFD5



C6CDD7



CDCBD6

Triad

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



C6CDD7



D9C9C8



C6CFC6

Complementary

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



C6CDD7



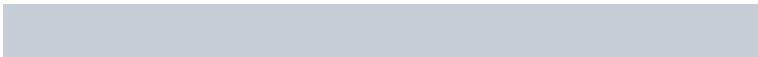
D7D0C6

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.



CCCDC2



C6CDD7



D7CAC4

Square

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



C6CDD7



D7C9CD



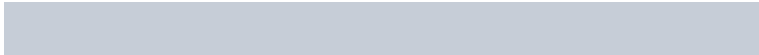
D2CCC2



C1D0CB

Rectangle

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



C6CDD7



D1CAD4



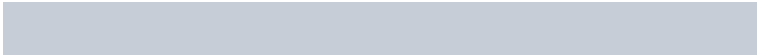
D2CCC2



C8CEC5

Sweetspot

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



C6CDD7



FAFCFF



C6D7D0



7D7E80



000000



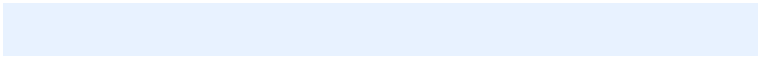
808080

Same Dimension

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



C6CDD7



E8F2FF



C7C6D7



60656B



0046AB



00122B

Inverse Universe

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



D7C6CD



FFE8F2



D6D7C6



6B6065



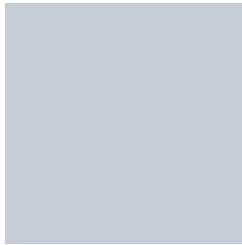
AB0046



2B0012

Previews

White Background



This preview shows how the Hex color C6CDD7 looks on a white background.

Color Contrast Check

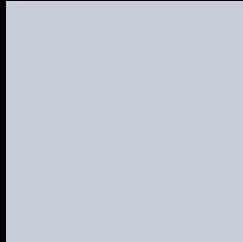
Large Text (above 18pt) WCAG AA × Fail

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 C6CDD7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

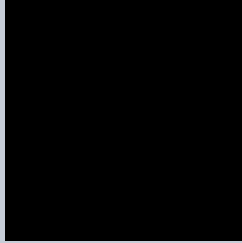
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

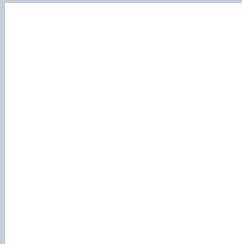
Any Text WCAG AAA ✓ Pass

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

Hex C6CDD7 Background



This preview shows how black text looks on a background with the Hex color C6CDD7.

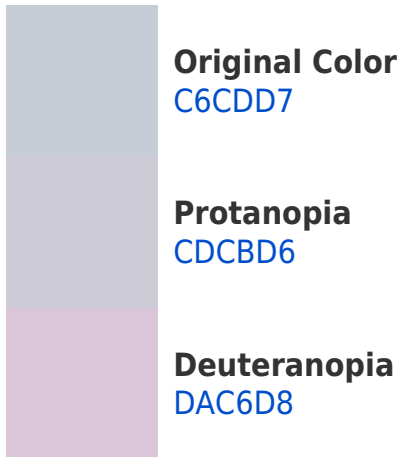


This preview shows how white text looks on a background with the Hex color C6CDD7.

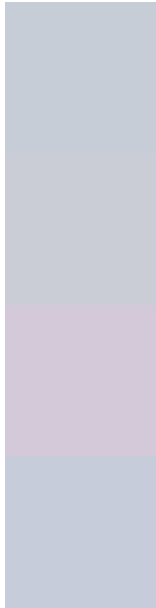
Color Blindness Simulation

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



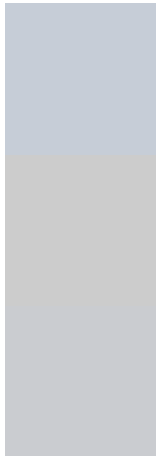
Original Color
C6CDD7

Protanomaly
CACCD6

Deuteranomaly
D3C9D8

Tritanomaly
C7CCDA

Monochromacy



Original Color
C6CDD7

Achromatopsia
CCCCCC

Achromatomaly
CACCD0

CSS Examples

Text

The CSS property to change the color of the text to Hex C6CDD7 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 #C6CDD7 looks like.

```
.text, #text, p{  
    color:#C6CDD7  
}
```

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 #C6CDD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6CDD7
}
```

Border

The CSS property to change the border of an element to Hex C6CDD7 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
#C6CDD7 }
```

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

```
.border{ border-color:#C6CDD7 }
```

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

Here you see how a box with a 4 pixel #C6CDD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6CDD7; -webkit-box-shadow:4px 4px  
4px 4px #C6CDD7; box-shadow:4px 4px 4px  
4px #C6CDD7 }
```

Background

The CSS property to change the background color of an element to Hex C6CDD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6CDD7 }
```

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

```
.background{ background-color:#C6CDD7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor