

# Converting Colors

Hex(C4CCD4)

Have a look what the booklet for  
Hex(C4CCD4) contains.

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# **Color**

**Hex(C4CCD4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4CCD4
RGB	196, 204, 212
RGB Percent	77%, 80%, 83%
CMY	0.2314, 0.2000, 0.1686
CMYK	0.08, 0.04, 0.00, 0.17
HSL	210°, 16%, 80%
HSV	210°, 8%, 83%
XYZ	56.2415, 59.6750, 70.8415
YIQ	202.5200, -7.3360, 0.7920

# Conversions

## Conversions Part 2

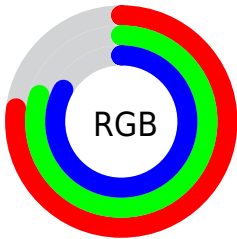
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 201, 212
Decimal	12897492
CIE <sub>Lab</sub>	81.66, -1.19, -4.92
CIE <sub>LCh</sub>	82, 5.062, 256.459
Yxy	59.6750, 0.3011, 0.3195
Android (android.graphics.Color)	4291087572 (0xFFC4CCD4)
YUV	202.5200, 4.6736, -5.7180
Hunter-Lab	77.2496, -5.2300, -0.2971

# Details

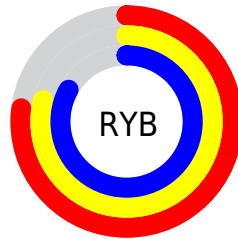
The Hex color **C4CCD4** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D4CCC4**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FDFFFF**, and **8E969D** is the 20% darker color. If you saturate the color by 10%, you get **AFC1D4**, and if you desaturate by 10%, it is **D9D7D4**.

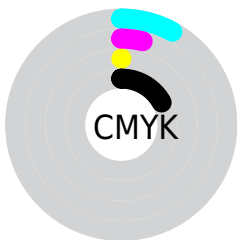
# Distribution



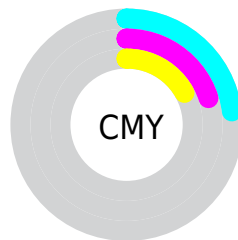
- Red (77%)
- Green (80%)
- Blue (83%)



- Red (77%)
- Yellow (79%)
- Blue (83%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (17%)



- Cyan (23%)
- Magenta (20%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4CCD4 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 C4CCD4 by changing the saturation by 10% instead.



■ C4CCD4

■ C4CCD4

FFFFFF

■ A9B1B8

FDFFFF

■ 8E969D

■ 757C83

■ 5C636A

■ 444B52

■ 2E353B

■ 192025

■ 000711

■ 000000

 C4CCD4

 C4CCD4

 AFC1D4

 D9D7D4

 9AB7D4

 EEE1D4

 84ACD4

 FFECD4

 6FA2D4

 FFF6D4

 5A97D4

 FFFF4D

 458CD4

 3082D4

 1A77D4

 056DD4

# Harmonies

## Analogous

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



C0CDD2



C4CCD4



C9CAD4

# Triad

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



C4CCD4



D6C8C8



C7CDC4

# Complementary

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



C4CCD4



D4CCC4

# 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.



CCCBC2



C4CCD4



D5C9C4

# Square

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



C4CCD4



D4C8CD



D1CAC2



C2CEC9

# Rectangle

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



C4CCD4



CDC9D3



D1CAC2



C8CCC3

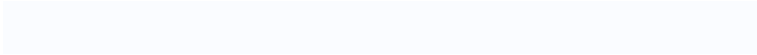


# Sweetspot

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



C4CCD4



FAFCFF



C4D4CC



7D7E80



000000



808080

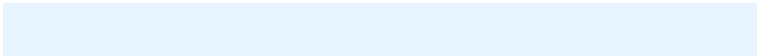


# Same Dimension

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



C4CCD4



E8F4FF



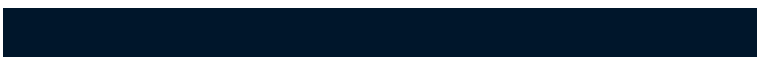
C4C4D4



60666B



0055AB



00162B



# Inverse Universe

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



D4C4CC



FFE8F4



D4D4C4



6B6066



AB0055

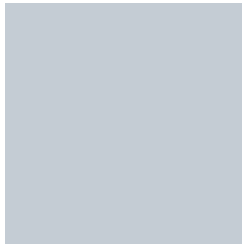


2B0016



# Previews

## White Background



This preview shows how the Hex color C4CCD4 looks on a white background.

## Color Contrast Check

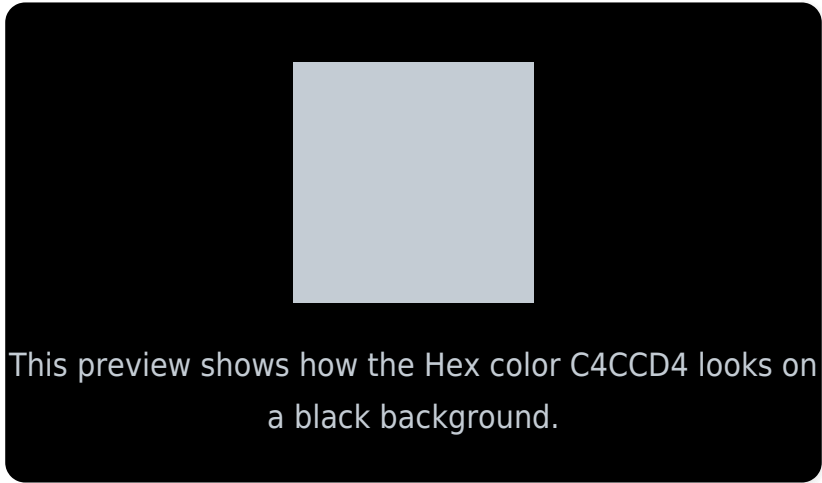
Large Text (above 18pt) WCAG AA × Fail

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

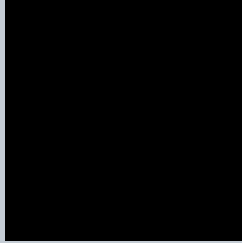
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

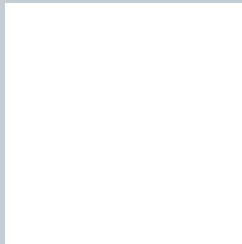
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C4CCD4 Background



This preview shows how black text looks on a background with the Hex color C4CCD4.

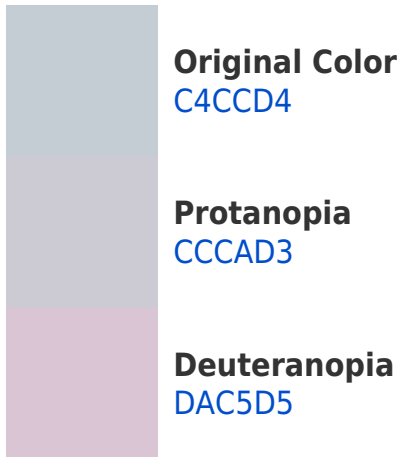


This preview shows how white text looks on a background with the Hex color C4CCD4.

# 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



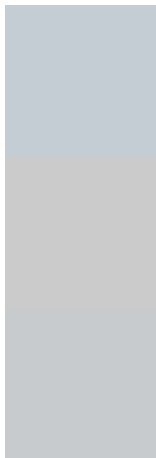
**Original Color**  
C4CCD4

**Protanomaly**  
C9CBD3

**Deuteranomaly**  
D2C8D5

**Tritanomaly**  
C5CBD8

# Monochromacy



**Original Color**  
C4CCD4

**Achromatopsia**  
CBCBCB

**Achromatomaly**  
C8CBCE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4CCD4 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 #C4CCD4 looks like.

```
.text, #text, p{  
    color:#C4CCD4  
}
```

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 #C4CCD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4CCD4
}
```

## Border

The CSS property to change the border of an element to Hex C4CCD4 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
#C4CCD4 }
```

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

```
.border{ border-color:#C4CCD4 }
```

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

Here you see how a box with a 4 pixel #C4CCD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4CCD4; -webkit-box-shadow:4px 4px  
4px 4px #C4CCD4; box-shadow:4px 4px 4px  
4px #C4CCD4 }
```

# Background

The CSS property to change the background color of an element to Hex C4CCD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4CCD4 }
```

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

```
.background{ background-color:#C4CCD4 }
```

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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