

# Converting Colors

Hex(C4D8CC)

Have a look what the booklet for  
Hex(C4D8CC) contains.

<b>Hex(C4D8CC)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(C4D8CC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4D8CC
RGB	196, 216, 204
RGB Percent	77%, 85%, 80%
CMY	0.2314, 0.1529, 0.2000
CMYK	0.09, 0.00, 0.06, 0.15
HSL	144°, 20%, 81%
HSV	144°, 9%, 85%
XYZ	58.2199, 65.2071, 66.6445
YIQ	208.6520, -8.0680, -7.9720

# Conversions

## Conversions Part 2

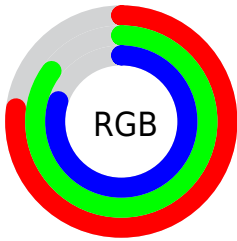
<b>Format</b>	<b>Color</b>
<b>RYB</b>	196, 210, 216
Decimal	12900556
CIELab	84.59, -8.95, 3.62
CIELCh	85, 9.651, 157.962
Yxy	65.2071, 0.3063, 0.3431
Android (android.graphics.Color)	4291090636 (0xFFC4D8CC)
YUV	208.6520, -2.2934, -11.0958
Hunter-Lab	80.7509, -12.6190, 7.5931

# Details

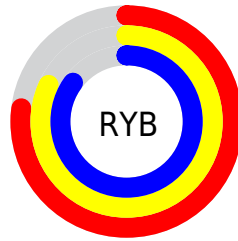
The Hex color **C4D8CC** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D8C4D0**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FDFFFF**, and **8EA196** is the 20% darker color. If you saturate the color by 10%, you get **AED8BF**, and if you desaturate by 10%, it is **DAD8D9**.

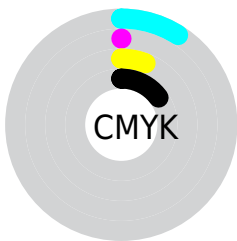
# Distribution



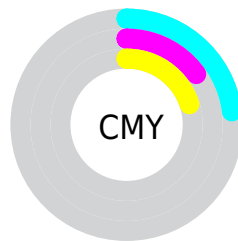
- Red (77%)
- Green (85%)
- Blue (80%)



- Red (77%)
- Yellow (82%)
- Blue (85%)



- Cyan (9%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)



- Cyan (23%)
- Magenta (15%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4D8CC 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 C4D8CC by changing the saturation by 10% instead.



 C4D8CC

FFFFFF

FDFFFF

 C4D8CC

 A9BCB1

 8EA196

 75877C

 5C6E63

 44554B

 2E3E35

 192820

 001408

 000000

 C4D8CC

 C4D8CC

 AED8BF

 DAD8D9

 99D8B2

 EFD8E6

 83D8A5

 FFD8F3

 6ED898

 FFD8FF

 58D88B

 42D87E

 2DD871

 17D864

 02D857

# Harmonies

## Analogous

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



CED6C5



C4D8CC



BED9D5

# Triad

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



C4D8CC



CDD3E5



E6CEC8

# Complementary

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



C4D8CC



D8C4D0

# 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.



E7CDD1



C4D8CC



D8D0E1

# Square

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



C4D8CC



C3D6E4



E1CEDA



E1D0C2

# Rectangle

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



C4D8CC



BDD8DB



E1CEDA



E7CDCB



# Sweetspot

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



C4D8CC



F7FFFA



D0D8C4



7A807C



000000



808080

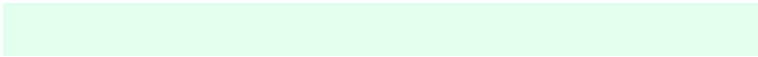


# Same Dimension

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



C4D8CC



E3FFEE



C4D8D6



606B65



00AB44



002B11



# Inverse Universe

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



D8C4D0



FFE3F4



D8C4C6



6B6067



AB0067

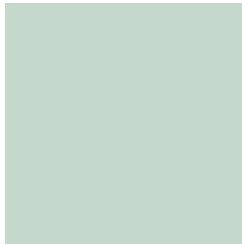


2B001A



# Previews

## White Background



This preview shows how the Hex color C4D8CC 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 C4D8CC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

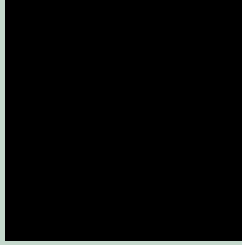
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

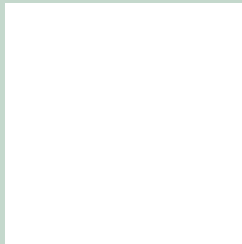
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C4D8CC Background



This preview shows how black text looks on a background with the Hex color C4D8CC.

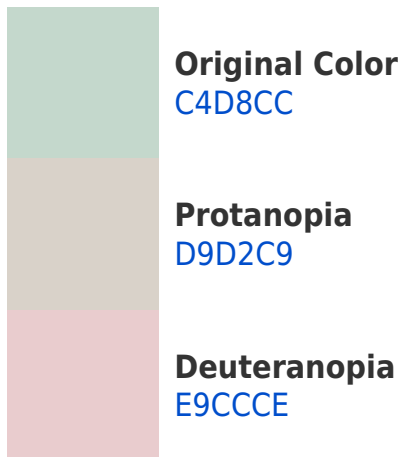


This preview shows how white text looks on a background with the Hex color C4D8CC.

# 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](#).

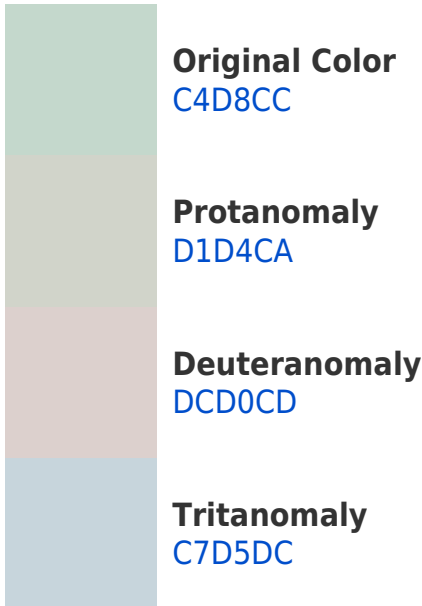
## Dichromacy



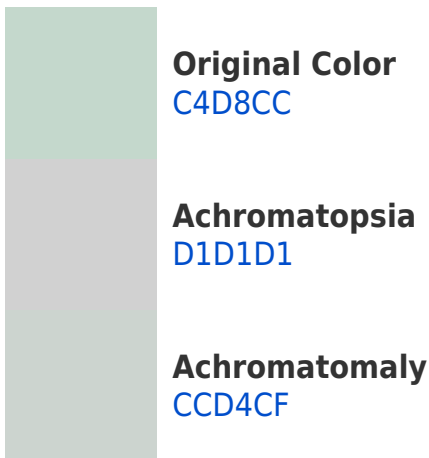


**Tritanopia**  
C8D4E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4D8CC 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 #C4D8CC looks like.

```
.text, #text, p{  
    color:#C4D8CC  
}
```

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 #C4D8CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4D8CC  
}
```

## Border

The CSS property to change the border of an element to Hex C4D8CC 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  
#C4D8CC }
```

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

```
.border{ border-color:#C4D8CC }
```

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

Here you see how a box with a 4 pixel #C4D8CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4D8CC; -webkit-box-shadow:4px 4px  
4px 4px #C4D8CC; box-shadow:4px 4px 4px  
4px #C4D8CC }
```

# Background

The CSS property to change the background color of an element to Hex C4D8CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4D8CC }
```

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

```
.background{ background-color:#C4D8CC }
```

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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