

# Converting Colors

Hex(C4CEC6)

Have a look what the booklet for  
Hex(C4CEC6) contains.

<b>Hex(C4CEC6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(C4CEC6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4CEC6
RGB	196, 206, 198
RGB Percent	77%, 81%, 78%
CMY	0.2314, 0.1922, 0.2235
CMYK	0.05, 0.00, 0.04, 0.19
HSL	132°, 9%, 79%
HSV	132°, 5%, 81%
XYZ	55.0293, 59.9556, 62.0983
YIQ	202.0980, -3.3920, -4.6080

# Conversions

## Conversions Part 2

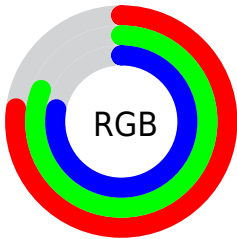
Format	Color
<a href="#">RYB</a>	<a href="#">196, 204, 206</a>
Decimal	<a href="#">12897990</a>
CIELab	<a href="#">81.81, -4.88, 2.79</a>
CIElCh	<a href="#">82, 5.621, 150.280</a>
Yxy	<a href="#">59.9556, 0.3108, 0.3386</a>
Android (android.graphics.Color)	<a href="#">4291088070 (0xFFC4CEC6)</a>
YUV	<a href="#">202.0980, -2.0203, -5.3479</a>
Hunter-Lab	<a href="#">77.4310, -8.6464, 6.6521</a>

# Details

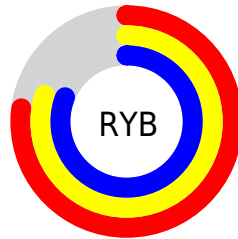
The Hex color **C4CEC6** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **CEC4CC**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FDFFFF**, and **8E9890** is the 20% darker color. If you saturate the color by 10%, you get **AFCEB6**, and if you desaturate by 10%, it is **D9CED6**.

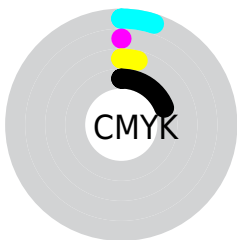
# Distribution



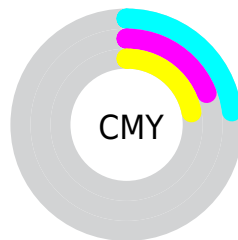
- Red (77%)
- Green (81%)
- Blue (78%)



- Red (77%)
- Yellow (80%)
- Blue (81%)



- Cyan (5%)
- Magenta (0%)
- Yellow (4%)
- Black (19%)



- Cyan (23%)
- Magenta (19%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4CEC6 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 C4CEC6 by changing the saturation by 10% instead.



 C4CEC6

FFFFFF

FDFFFF

 C4CEC6

 A9B3AB

 8E9890

 757E77

 5C655E

 454D46

 2E3630

 1A211B

 000A00

 000000

 C4CEC6

 C4CEC6

 AFCEB6

 D9CED6

 9BCEA5

 EDCEE7

 86CE95

 FFCEF7

 72CE84

 FFCEFF

 5DCE74

 48CE63

 34CE53

 1FCE42

 0BCE32

# Harmonies

## Analogous

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



CACDC2



C4CEC6



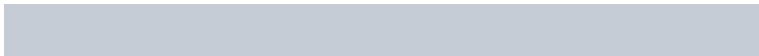
C0CFCB

# Triad

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



C4CEC6



C6CCD6



D7C8C6

# Complementary

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



C4CEC6



CEC4CC

# 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.



D6C8CB



C4CEC6



CDCAD4

# Square

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



C4CEC6



C1CDD4



D3C9D1



D5C9C2

# Rectangle

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



C4CEC6



BFCFCF



D3C9D1



D7C8C8



# Sweetspot

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



C4CEC6



FCFFFD



CCCEC4



7E807E



000000



808080

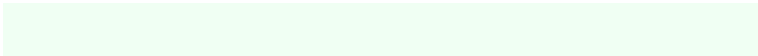


# Same Dimension

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



C4CEC6



F0FFF3



C4CECB



5F6660



00A621



002608



# Inverse Universe

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



CEC4CC



FFF0FC



CEC4C7



665F65



A60085

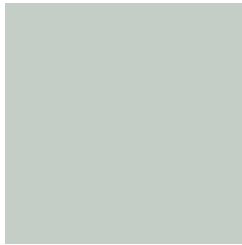


26001F



# Previews

## White Background



This preview shows how the Hex color C4CEC6 looks on a white background.

## Color Contrast Check

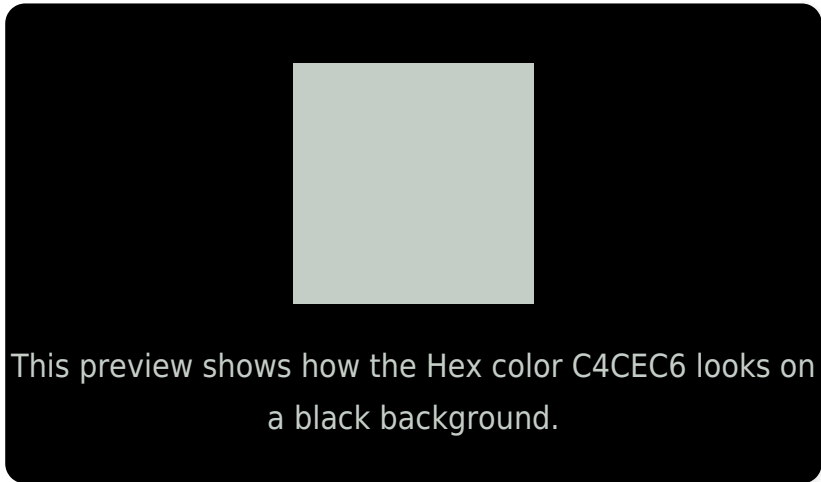
Large Text (above 18pt) WCAG AA × Fail

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

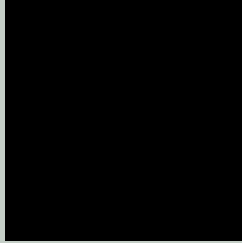
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

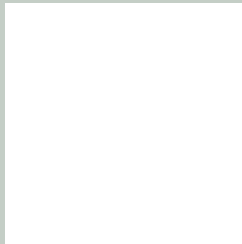
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C4CEC6 Background



This preview shows how black text looks on a background with the Hex color C4CEC6.

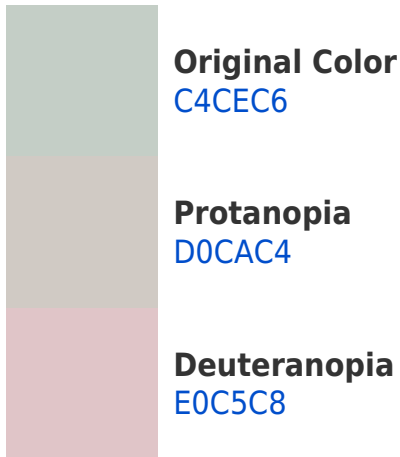


This preview shows how white text looks on a background with the Hex color C4CEC6.

# 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](#).

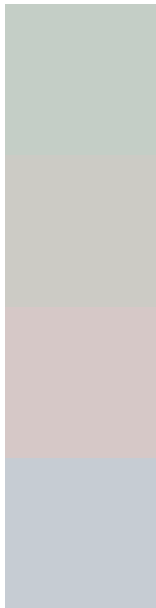
## Dichromacy





**Tritanopia**  
C7CBDB

# Trichromacy



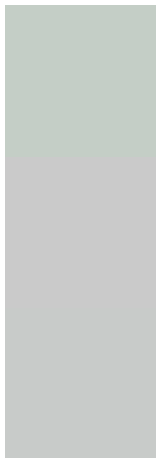
**Original Color**  
C4CEC6

**Protanomaly**  
CCCBC5

**Deuteranomaly**  
D6C8C7

**Tritanomaly**  
C6CCD3

# Monochromacy



**Original Color**  
C4CEC6

**Achromatopsia**  
CACACA

**Achromatomaly**  
C8CBC9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4CEC6 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 #C4CEC6 looks like.

```
.text, #text, p{  
    color:#C4CEC6  
}
```

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 #C4CEC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4CEC6
}
```

## Border

The CSS property to change the border of an element to Hex C4CEC6 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
#C4CEC6 }
```

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

```
.border{ border-color:#C4CEC6 }
```

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

Here you see how a box with a 4 pixel `#C4CEC6` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4CEC6; -webkit-box-shadow:4px 4px  
4px 4px #C4CEC6; box-shadow:4px 4px 4px  
4px #C4CEC6 }
```

# Background

The CSS property to change the background color of an element to Hex C4CEC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4CEC6 }
```

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

```
.background{ background-color:#C4CEC6 }
```

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