

# Converting Colors

Hex(C4BCBE)

Have a look what the booklet for  
Hex(C4BCBE) contains.

<b>Hex(C4BCBE)</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(C4BCBE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C4BCBE
RGB	196, 188, 190
RGB Percent	77%, 74%, 75%
CMY	0.2314, 0.2627, 0.2549
CMYK	0.00, 0.04, 0.03, 0.23
HSL	345°, 6%, 75%
HSV	345°, 4%, 77%
XYZ	50.0424, 51.4199, 56.0027
YIQ	190.6200, 4.1260, 2.3180

# Conversions

## Conversions Part 2

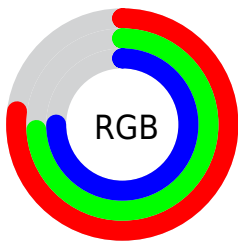
Format	Color
R <sub>Y</sub> B	196, 188, 190
Decimal	12893374
CIE Lab	76.93, 3.17, -0.01
CIE LCh	77, 3.170, 359.738
Yxy	51.4199, 0.3178, 0.3265
Android (android.graphics.Color)	4291083454 (0xFFC4BCBE)
YUV	190.6200, -0.3057, 4.7183
Hunter-Lab	71.7077, -0.9191, 3.8907

# Details

The Hex color **C4BCBE** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **BCC4C2**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FDF4F6**, and **8E8789** is the 20% darker color. If you saturate the color by 10%, you get **C4A8AF**, and if you desaturate by 10%, it is **C4D0CD**.

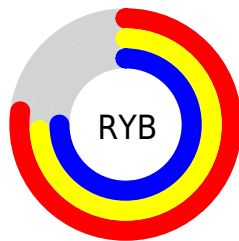
# Distribution



Red (77%)

Green (74%)

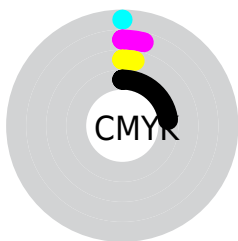
Blue (75%)



Red (77%)

Yellow (74%)

Blue (75%)

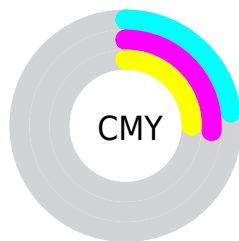


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (23%)



Cyan (23%)

Magenta (26%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4BCBE 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 C4BCBE by changing the saturation by 10% instead.



 C4BCBE

 C4BCBE

FFFFFF

 A9A1A3

 FDF4F6

 8E8789

 756E6F

 5C5557

 453E40

 2E282A

 1A1415

 000000

 C4BCBE

 C4BCBE

 C4A8AF

 C4D0CD

 C495A1

 C4E3DB

 C48192

 C4F7EA

 C46E83

 C4FFF9

 C45A74

 C4FFFF

 C44666

 C43357

 C41F48

 C40C3A

# Harmonies

## Analogous

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



C2BCC1



C4BCBE



C5BCBB

# Triad

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



C4BCBE



BDBFB9



B8BFC3

# Complementary

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



C4BCBE



BCC4C2

# 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.



B7C0C1



C4BCBE



BABFBB

# Square

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



C4BCBE



C1BEB8



B8C0BE



BBEC4

# Rectangle

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



C4BCBE



C4BDBA



B8C0BE



B8BFC2



# Sweetspot

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



C4BCBE



FFFCFD



C2BCC4



807E7F



000000



808080

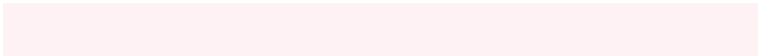


# Same Dimension

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



C4BCBE



FFF2F5



C4BEBC



615B5D



A10028



210008



# Inverse Universe

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



C4BCBE



FFF2F5



BCC2C4



615B5D



A10028

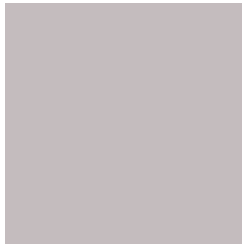


210008



# Previews

## White Background



This preview shows how the Hex color C4BCBE looks on a white background.

## Color Contrast Check

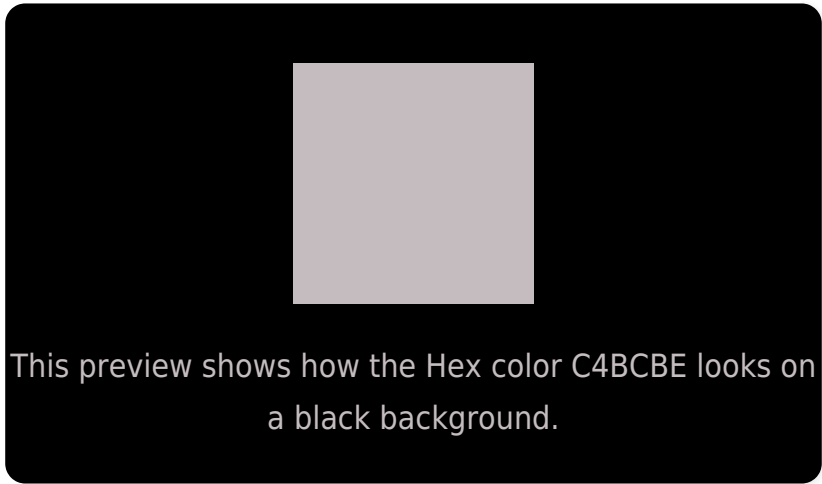
Large Text (above 18pt) WCAG AA × Fail

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

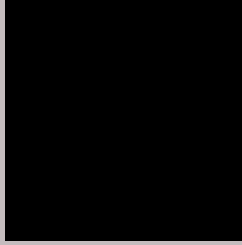
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

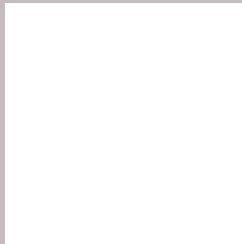
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C4BCBE Background



This preview shows how black text looks on a background with the Hex color C4BCBE.

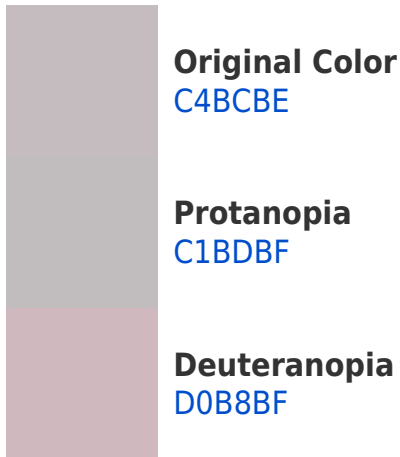


This preview shows how white text looks on a background with the Hex color C4BCBE.

# 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](#).

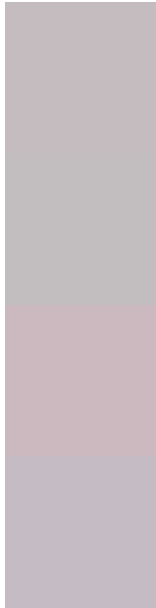
## Dichromacy





**Tritanopia**  
C6BAC9

# Trichromacy



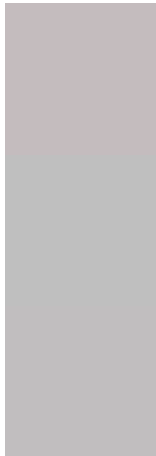
**Original Color**  
C4BCBE

**Protanomaly**  
C2BDBF

**Deuteranomaly**  
CCB9BF

**Tritanomaly**  
C5BBC5

# Monochromacy



**Original Color**  
C4BCBE

**Achromatopsia**  
BFBFBF

**Achromatomaly**  
C1BEBF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4BCBE 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 #C4BCBE looks like.

```
.text, #text, p{  
    color:#C4BCBE  
}
```

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 #C4BCBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4BCBE
}
```

## Border

The CSS property to change the border of an element to Hex C4BCBE 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
#C4BCBE }
```

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

```
.border{ border-color:#C4BCBE }
```

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

Here you see how a box with a 4 pixel #C4BCBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4BCBE; -webkit-box-shadow:4px 4px  
4px 4px #C4BCBE; box-shadow:4px 4px 4px  
4px #C4BCBE }
```

# Background

The CSS property to change the background color of an element to Hex C4BCBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4BCBE }
```

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

```
.background{ background-color:#C4BCBE }
```

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