

# Converting Colors

Hex(C4BEB2)

Have a look what the booklet for  
Hex(C4BEB2) contains.

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# **Color**

**Hex(C4BEB2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4BEB2
RGB	196, 190, 178
RGB Percent	77%, 75%, 70%
CMY	0.2314, 0.2549, 0.3020
CMYK	0.00, 0.03, 0.09, 0.23
HSL	40°, 13%, 73%
HSV	40°, 9%, 77%
XYZ	49.2143, 51.7770, 49.5196
YIQ	190.4260, 7.4280, -2.4600

# Conversions

## Conversions Part 2

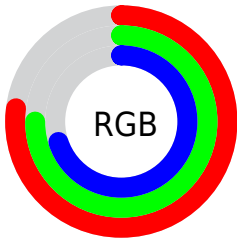
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 196, 178
Decimal	12893874
CIELab	77.15, 0.00, 6.79
CIELCh	77, 6.794, 89.959
Yxy	51.7770, 0.3270, 0.3440
Android (android.graphics.Color)	4291083954 (0xFFC4BEB2)
YUV	190.4260, -6.1260, 4.8884
Hunter-Lab	71.9563, -3.8389, 9.5666

# Details

The Hex color **C4BEB2** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B2B8C4**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FDF6EA**, and **8E897D** is the 20% darker color. If you saturate the color by 10%, you get **C4B79E**, and if you desaturate by 10%, it is **C4C5C6**.

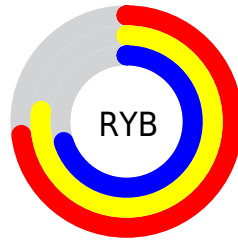
# Distribution



Red (77%)

Green (75%)

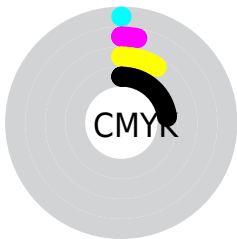
Blue (70%)



Red (73%)

Yellow (77%)

Blue (70%)

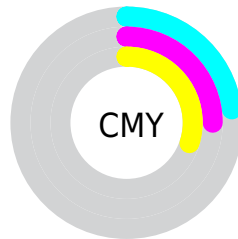


Cyan (0%)

Magenta (3%)

Yellow (9%)

Black (23%)



Cyan (23%)

Magenta (25%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4BEB2 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 C4BEB2 by changing the saturation by 10% instead.





C4BEB2



C4BEB2

FFFFFF



A9A397



FDF6EA



8E897D



756F64



5C574D



444036



2E2A21



1A150A



000000



C4BEB2



C4BEB2

 C4B79E

 C4C5C6

 C4B18B

 C4CBD9

 C4AA77

 C4D2ED

 C4A464

 C4D8FF

 C49D50

 C4DFFF

 C4973C

 C4E5FF

 C49029

 C4ECFF

 C48A15

 C4F2FF

 C48302

 C4F9FF

# Harmonies

## Analogous

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



CABCB4



C4BEB2



BDC0B4

# Triad

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



C4BEB2



AFC2C4



C7BBC5

# Complementary

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



C4BEB2



B2B8C4

# 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.



C0BDC9



C4BEB2



B2C1C9

# Square

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



C4BEB2



B1C2BE



B8BFCB



CBBABF

# Rectangle

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



C4BEB2



B8C1B6



B8BFCB



C5BCC7



# Sweetspot

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



C4BEB2



FFFCF7



C4B2B8



807E7A



000000



808080

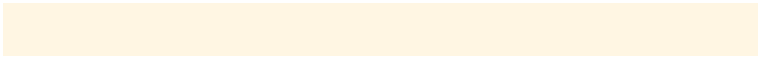


# Same Dimension

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



C4BEB2



FFF6E3



C1C4B2



615E57



A16B00



211600

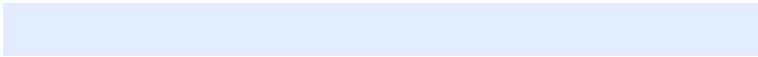


# Inverse Universe

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



B2B8C4



E3ECFF



B5B2C4



575A61



0036A1

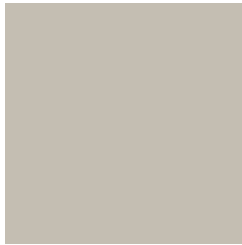


000B21



# Previews

## White Background



This preview shows how the Hex color C4BEB2 looks on a white background.

## Color Contrast Check

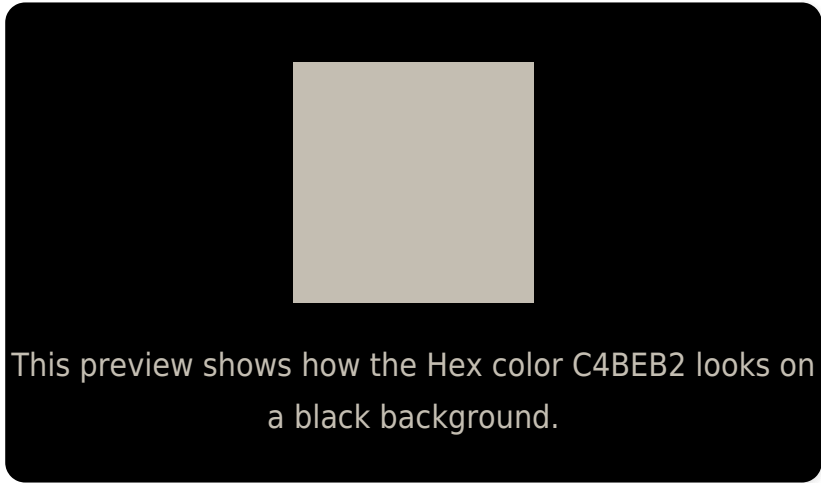
Large Text (above 18pt) WCAG AA × Fail

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

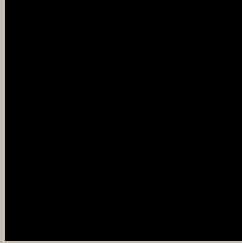
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

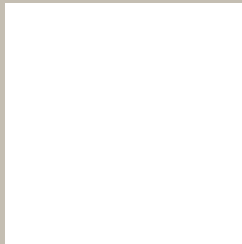
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C4BEB2 Background



This preview shows how black text looks on a background with the Hex color C4BEB2.

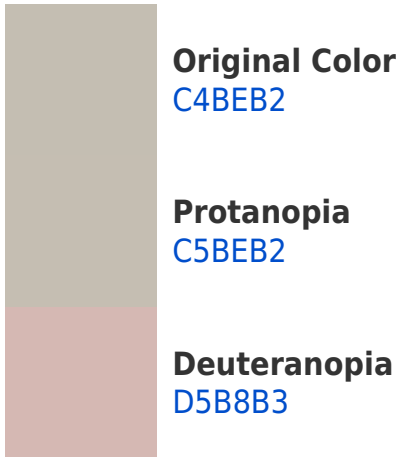


This preview shows how white text looks on a background with the Hex color C4BEB2.

# 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](#).

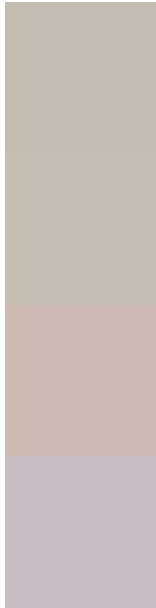
## Dichromacy





**Tritanopia**  
C7BBC9

# Trichromacy



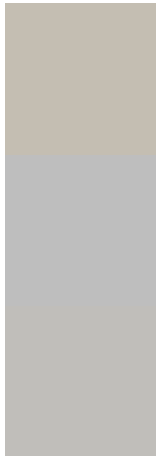
**Original Color**  
C4BEB2

**Protanomaly**  
C5BEB2

**Deuteranomaly**  
CFBAB3

**Tritanomaly**  
C6BCC1

# Monochromacy



**Original Color**  
C4BEB2

**Achromatopsia**  
BEBEBE

**Achromatomaly**  
C0BEBA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4BEB2 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 #C4BEB2 looks like.

```
.text, #text, p{  
    color:#C4BEB2  
}
```

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 #C4BEB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4BEB2
}
```

## Border

The CSS property to change the border of an element to Hex C4BEB2 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
#C4BEB2 }
```

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

```
.border{ border-color:#C4BEB2 }
```

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

Here you see how a box with a 4 pixel #C4BEB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4BEB2; -webkit-box-shadow:4px 4px  
4px 4px #C4BEB2; box-shadow:4px 4px 4px  
4px #C4BEB2 }
```

# Background

The CSS property to change the background color of an element to Hex C4BEB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4BEB2 }
```

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

```
.background{ background-color:#C4BEB2 }
```

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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