

# Converting Colors

Hex(C4B7BB)

Have a look what the booklet for  
Hex(C4B7BB) contains.

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# **Color**

**Hex(C4B7BB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4B7BB
RGB	196, 183, 187
RGB Percent	77%, 72%, 73%
CMY	0.2314, 0.2824, 0.2667
CMYK	0.00, 0.07, 0.05, 0.23
HSL	342°, 10%, 74%
HSV	342°, 7%, 77%
XYZ	48.6681, 49.1906, 53.9434
YIQ	187.3430, 6.4640, 4.0000

# Conversions

## Conversions Part 2

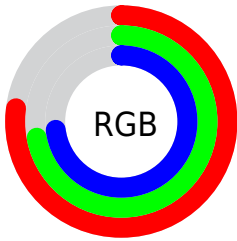
Format	Color
R <sub>Y</sub> B	196, 183, 187
Decimal	12892091
CIE Lab	75.57, 5.31, -0.38
CIE LCh	76, 5.327, 355.957
Yxy	49.1906, 0.3206, 0.3240
Android (android.graphics.Color)	4291082171 (0xFFC4B7BB)
YUV	187.3430, -0.1691, 7.5922
Hunter-Lab	70.1360, 1.1249, 3.4938

# Details

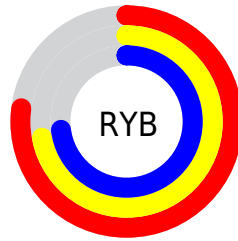
The Hex color **C4B7BB** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B7C4C0**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FDEFF3**, and **8E8286** is the 20% darker color. If you saturate the color by 10%, you get **C4A3AD**, and if you desaturate by 10%, it is **C4CBC9**.

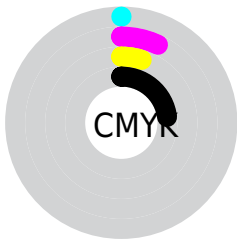
# Distribution



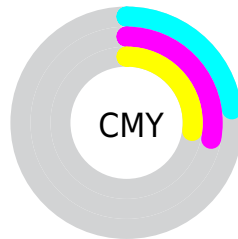
- Red (77%)
- Green (72%)
- Blue (73%)



- Red (77%)
- Yellow (72%)
- Blue (73%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (23%)



- Cyan (23%)
- Magenta (28%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4B7BB 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 C4B7BB by changing the saturation by 10% instead.



 C4B7BB

 C4B7BB

FFFFFF

 A99CA0

 FDEFF3

 8E8286

 75696D

 5C5154

 443A3D

 2E2428

 1A0F13

 000000

 C4B7BB

 C4B7BB

 C4A3AD

 C4CBC9

 C490A0

 C4DED6

 C47C92

 C4F2E4

 C46985

 C4FFF1

 C45577

 C4FFFF

 C4416A

 C42E5C

 C41A4E

 C40741

# Harmonies

## Analogous

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



C0B8C0



C4B7BB



C5B7B6

# Triad

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



C4B7BB



BABBB1



B0BCC2

# Complementary

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



C4B7BB



B7C4C0

# 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.



AEBDBE



C4B7BB



B4BCB5

# Square

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



C4B7BB



BFBAB0



B0BDB9



B5BBC4

# Rectangle

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



C4B7BB



C4B8B3



B0BDB9



AFBDC1



# Sweetspot

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



C4B7BB



FFFAFB



C0B7C4



807D7E



000000



808080



# Same Dimension

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



C4B7BB



FFEBF1



C4B9B7



61575A



A10031



21000A



# Inverse Universe

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



C4B7BB



FFEBF1



B7C2C4



61575A



A10031

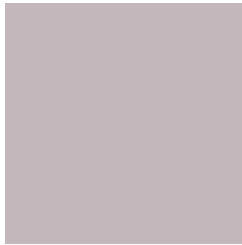


21000A



# Previews

## White Background



This preview shows how the Hex color C4B7BB 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 C4B7BB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

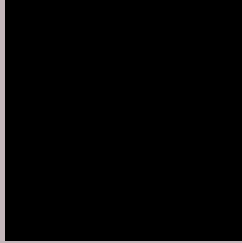
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

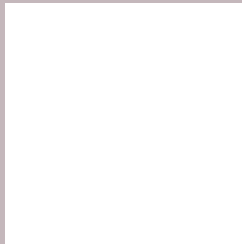
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C4B7BB Background



This preview shows how black text looks on a background with the Hex color C4B7BB.

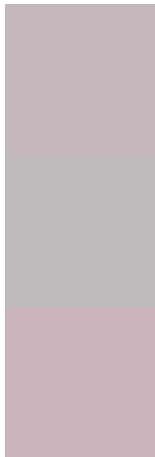


This preview shows how white text looks on a background with the Hex color C4B7BB.

# 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



**Original Color**  
C4B7BB

**Protanopia**  
BDB9BC

**Deuteranopia**  
CBB4BC



**Tritanopia**  
C5B6C4

# Trichromacy



**Original Color**  
C4B7BB

**Protanomaly**  
C0B8BC

**Deuteranomaly**  
C8B5BC

**Tritanomaly**  
C5B6C1

# Monochromacy



**Original Color**  
C4B7BB

**Achromatopsia**  
BBBBBB

**Achromatomaly**  
BEBABB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4B7BB 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 #C4B7BB looks like.

```
.text, #text, p{  
    color:#C4B7BB  
}
```

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 #C4B7BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4B7BB  
}
```

## Border

The CSS property to change the border of an element to Hex C4B7BB 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  
#C4B7BB }
```

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

```
.border{ border-color:#C4B7BB }
```

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

Here you see how a box with a 4 pixel #C4B7BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4B7BB; -webkit-box-shadow:4px 4px  
4px 4px #C4B7BB; box-shadow:4px 4px 4px  
4px #C4B7BB }
```

# Background

The CSS property to change the background color of an element to Hex C4B7BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4B7BB }
```

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

```
.background{ background-color:#C4B7BB }
```

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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