

# Converting Colors

Hex(C4B7B7)

Have a look what the booklet for  
Hex(C4B7B7) contains.

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# **Color**

**Hex(C4B7B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4B7B7
RGB	196, 183, 183
RGB Percent	77%, 72%, 72%
CMY	0.2314, 0.2824, 0.2824
CMYK	0.00, 0.07, 0.07, 0.23
HSL	0°, 10%, 74%
HSV	0°, 7%, 77%
XYZ	48.2457, 49.0216, 51.7190
YIQ	186.8870, 7.7480, 2.7560

# Conversions

## Conversions Part 2

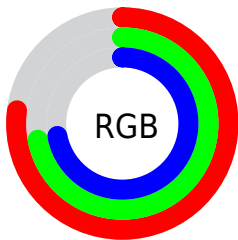
<b>Format</b>	<b>Color</b>
<b>RYB</b>	196, 183, 183
Decimal	12892087
CIELab	75.46, 4.61, 1.65
CIELCh	75, 4.892, 19.702
Yxy	49.0216, 0.3238, 0.3290
Android (android.graphics.Color)	4291082167 (0xFFC4B7B7)
YUV	186.8870, -1.9163, 7.9921
Hunter-Lab	70.0155, 0.4723, 5.2144

# Details

The Hex color **C4B7B7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B7C4C4**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FDEFEF**, and **8E8282** is the 20% darker color. If you saturate the color by 10%, you get **C4A3A3**, and if you desaturate by 10%, it is **C4CBCB**.

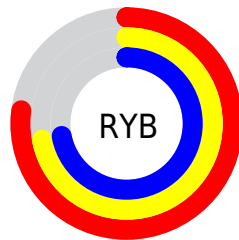
# Distribution



Red (77%)

Green (72%)

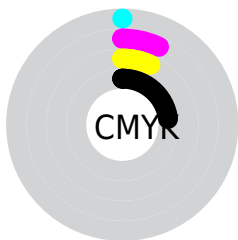
Blue (72%)



Red (77%)

Yellow (72%)

Blue (72%)

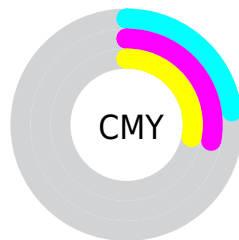


Cyan (0%)

Magenta (7%)

Yellow (7%)

Black (23%)



Cyan (23%)

Magenta (28%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4B7B7 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 C4B7B7 by changing the saturation by 10% instead.



 C4B7B7

 C4B7B7

FFFFFF

 A99C9C

 FDEFEF

 8E8282

 756969

 5C5151

 443A3A

 2E2424

 1A0F0F

 000000

 C4B7B7

 C4B7B7

 C4A3A3

 C4CBCB

 C49090

 C4DEDE

 C47C7C

 C4F2F2

 C46969

 C4FFFF

 C45555

 C44141

 C42E2E

 C41A1A

 C40707

# Harmonies

## Analogous

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



C2B7BC



C4B7B7



C3B8B3

# Triad

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



C4B7B7



B5BCB4



B4BBC3

# Complementary

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



C4B7B7



B7C4C4

# 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.



B0BCC1



C4B7B7



B1BDB8

# Square

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



C4B7B7



BBBB1



AFBDBD



B9B9C2

# Rectangle

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



C4B7B7



C1B9B2



AFBDBD



B2BBC2



# Sweetspot

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



C4B7B7



FFFAFA



C4B7C4



807D7D



000000



808080

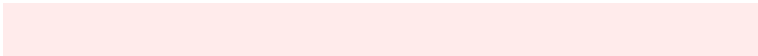


# Same Dimension

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



C4B7B7



FFE8E8



C4BEB7



615757



A10000



210000



# Inverse Universe

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



B7C4C4



EBFFFF



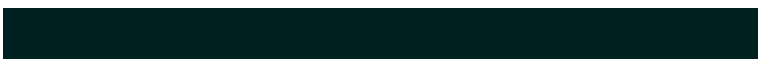
B7BEC4



576161



00A1A1

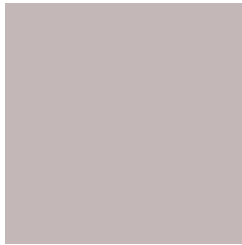


002121



# Previews

## White Background



This preview shows how the Hex color C4B7B7 looks on a white background.

## Color Contrast Check

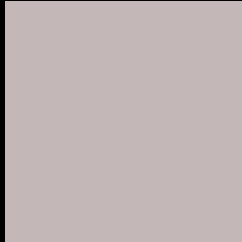
Large Text (above 18pt) WCAG AA × Fail

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 C4B7B7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

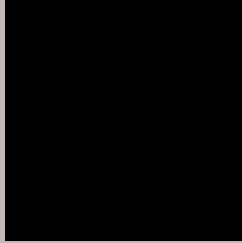
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

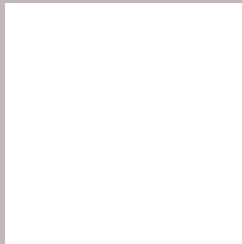
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C4B7B7 Background



This preview shows how black text looks on a background with the Hex color C4B7B7.



This preview shows how white text looks on a background with the Hex color C4B7B7.

# 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**  
C4B7B7

**Protanopia**  
BEB9B8

**Deuteranopia**  
CDB4B8



**Tritanopia**  
C6B5C3

# Trichromacy



**Original Color**  
C4B7B7

**Protanomaly**  
C0B8B8

**Deuteranomaly**  
CAB5B8

**Tritanomaly**  
C5B6BF

# Monochromacy



**Original Color**  
C4B7B7

**Achromatopsia**  
BBBBBB

**Achromatomaly**  
BEBABA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4B7B7 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 #C4B7B7 looks like.

```
.text, #text, p{  
    color:#C4B7B7  
}
```

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 #C4B7B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4B7B7
}
```

## Border

The CSS property to change the border of an element to Hex C4B7B7 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
#C4B7B7 }
```

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

```
.border{ border-color:#C4B7B7 }
```

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

Here you see how a box with a 4 pixel #C4B7B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4B7B7; -webkit-box-shadow:4px 4px  
4px 4px #C4B7B7; box-shadow:4px 4px 4px  
4px #C4B7B7 }
```

# Background

The CSS property to change the background color of an element to Hex C4B7B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4B7B7 }
```

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

```
.background{ background-color:#C4B7B7 }
```

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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