

# Converting Colors

Hex(C4B7A2)

Have a look what the booklet for  
Hex(C4B7A2) contains.

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# **Color**

**Hex(C4B7A2)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | C4B7A2                     |
| RGB         | 196, 183, 162              |
| RGB Percent | 77%, 72%, 64%              |
| CMY         | 0.2314, 0.2824, 0.3647     |
| CMYK        | 0.00, 0.07, 0.17, 0.23     |
| HSL         | 37°, 22%, 70%              |
| HSV         | 37°, 17%, 77%              |
| XYZ         | 46.2200, 48.2114, 41.0521  |
| YIQ         | 184.4930, 14.4890, -3.7750 |

# Conversions

## Conversions Part 2

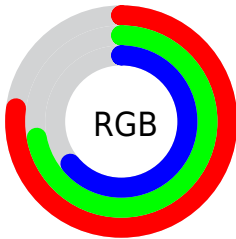
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 183, 196, 162                  |
| Decimal                             | 12892066                       |
| CIELab                              | 74.96, 1.13, 12.34             |
| CIElCh                              | 75, 12.391, 84.778             |
| Yxy                                 | 48.2114, 0.3411,<br>0.3558     |
| Android<br>(android.graphics.Color) | 4291082146<br>(0xFFC4B7A2)     |
| YUV                                 | 184.4930, -11.0890,<br>10.0916 |
| Hunter-Lab                          | 69.4344, -2.6891,<br>13.5497   |

# Details

The Hex color **C4B7A2** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **A2AFC4**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FDEFD9**, and **8E826E** is the 20% darker color. If you saturate the color by 10%, you get **C4B08E**, and if you desaturate by 10%, it is **C4BEB6**.

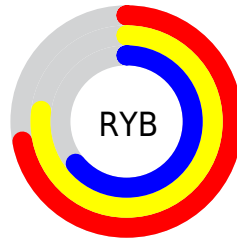
# Distribution



Red (77%)

Green (72%)

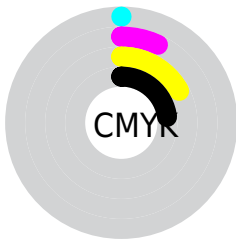
Blue (64%)



Red (72%)

Yellow (77%)

Blue (64%)

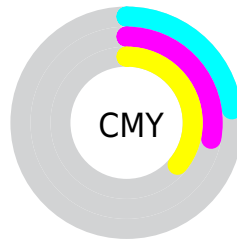


Cyan (0%)

Magenta (7%)

Yellow (17%)

Black (23%)



Cyan (23%)

Magenta (28%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4B7A2 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 C4B7A2 by changing the saturation by 10% instead.





C4B7A2



C4B7A2

FFFFFF



A99C88



FDEFD9



8E826E



FFFFF5



746956



5B513F



443A29



2D2514



180F00



000000



C4B7A2



C4B7A2

 C4B08E

 C4BEB6

 C4A87B

 C4C6C9

 C4A167

 C4CDDD

 C49954

 C4D5F0

 C49240

 C4DCFF

 C48A2C

 C4E4FF

 C48319

 C4EBFF

 C47B05

 C4F3FF

 C47900

 C4FAFF

# Harmonies

## Analogous

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



CDB3A6



C4B7A2



B7BBA4

# Triad

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



C4B7A2



9CBFC2



C6B3C6

# Complementary

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



C4B7A2



A2AFC4

# 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.



B8B6CD



C4B7A2



9FBDCB

# Square

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



C4B7A2



A0BFB6



AABACF



CFB1BB

# Rectangle

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



C4B7A2



AFBDA8



AABACF



C2B4C9

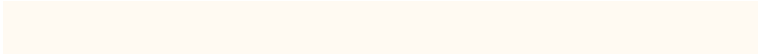


# Sweetspot

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



C4B7A2



FFFAF2



C4A2AF



807D78



000000



808080



# Same Dimension

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



C4B7A2



FFEBC9



C0C4A2



615D57



A16300



211400

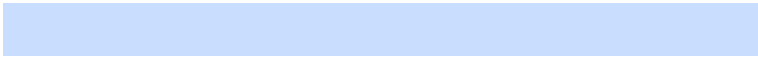


# Inverse Universe

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



A2AFC4



C9DEFF



A6A2C4



575B61



003DA1

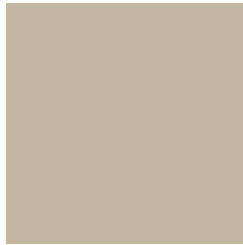


000D21



# Previews

## White Background



This preview shows how the Hex color C4B7A2 looks on a white background.

## Color Contrast Check

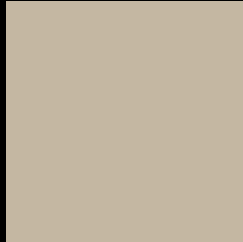
Large Text (above 18pt) WCAG AA × Fail

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 C4B7A2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

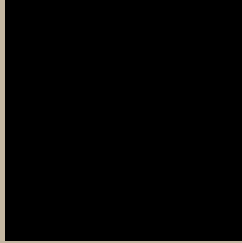
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

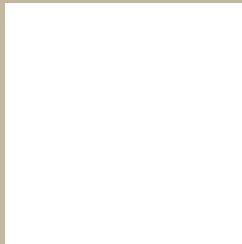
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C4B7A2 Background



This preview shows how black text looks on a background with the Hex color C4B7A2.

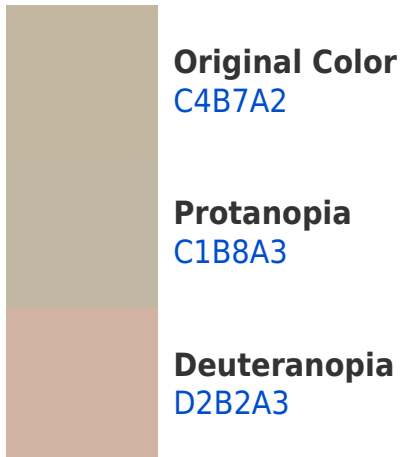


This preview shows how white text looks on a background with the Hex color C4B7A2.

# 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](#).

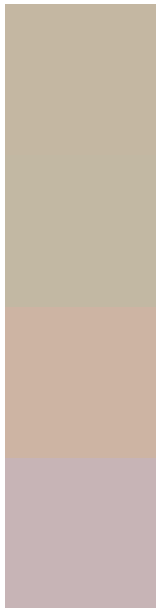
## Dichromacy





**Tritanopia**  
C8B3C1

# Trichromacy



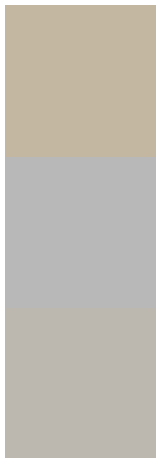
**Original Color**  
C4B7A2

**Protanomaly**  
C2B8A3

**Deuteranomaly**  
CDB4A3

**Tritanomaly**  
C7B4B6

# Monochromacy



**Original Color**  
C4B7A2

**Achromatopsia**  
B8B8B8

**Achromatomaly**  
BCB8B0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4B7A2 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 #C4B7A2 looks like.

```
.text, #text, p{  
    color:#C4B7A2  
}
```

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 #C4B7A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4B7A2
}
```

## Border

The CSS property to change the border of an element to Hex C4B7A2 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
#C4B7A2 }
```

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

```
.border{ border-color:#C4B7A2 }
```

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

Here you see how a box with a 4 pixel #C4B7A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4B7A2; -webkit-box-shadow:4px 4px  
4px 4px #C4B7A2; box-shadow:4px 4px 4px  
4px #C4B7A2 }
```

# Background

The CSS property to change the background color of an element to Hex C4B7A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4B7A2 }
```

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

```
.background{ background-color:#C4B7A2 }
```

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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