

# Converting Colors

Hex(C4AEA7)

Have a look what the booklet for  
Hex(C4AEA7) contains.

<b>Hex(C4AEA7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(C4AEA7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4AEA7
RGB	196, 174, 167
RGB Percent	77%, 68%, 65%
CMY	0.2314, 0.3176, 0.3451
CMYK	0.00, 0.11, 0.15, 0.23
HSL	14°, 20%, 71%
HSV	14°, 15%, 77%
XYZ	44.8761, 44.7979, 42.8409
YIQ	179.7800, 15.3590, 2.4870

# Conversions

## Conversions Part 2

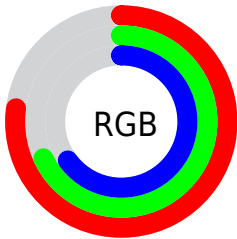
<b>Format</b>	<b>Color</b>
<b>RYB</b>	196, 176, 167
Decimal	12889767
CIELab	72.76, 6.76, 6.48
CIELCh	73, 9.363, 43.785
Yxy	44.7979, 0.3386, 0.3381
Android (android.graphics.Color)	4291079847 (0xFFC4AEA7)
YUV	179.7800, -6.3005, 14.2249
Hunter-Lab	66.9312, 2.5511, 8.9019

# Details

The Hex color **C4AEA7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **A7BDC4**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FDE5DE**, and **8E7A73** is the 20% darker color. If you saturate the color by 10%, you get **C49F93**, and if you desaturate by 10%, it is **C4BDBB**.

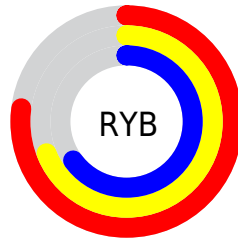
# Distribution



Red (77%)

Green (68%)

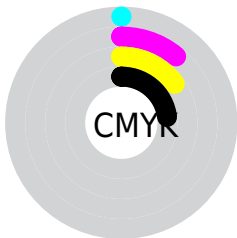
Blue (65%)



Red (77%)

Yellow (69%)

Blue (65%)

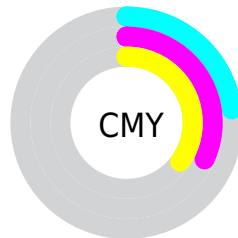


Cyan (0%)

Magenta (11%)

Yellow (15%)

Black (23%)



Cyan (23%)

Magenta (32%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4AEA7 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 C4AEA7 by changing the saturation by 10% instead.





C4AEA7



C4AEA7

FFFFFF



A9938D



FDE5DE



8E7A73



FFFFFB



74615B



5B4943



44332D



2D1D18



1A0400



000000



C4AEA7



C4AEA7

 C49F93

 C4BDBB

 C49080

 C4CCCE

 C4816C

 C4DBE2

 C47359

 C4E9F5

 C46445

 C4F8FF

 C45531

 C4FFFF

 C4461E

 C4370A

 C42F00

# Harmonies

## Analogous

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



C5ADAF



C4AEA7



BEB0A2

# Triad

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



C4AEA7



A3B7AD



AFB2C3

# Complementary

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



C4AEA7



A7BDC4

# 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.



A5B5C3



C4AE7



9EB8B6

# Square

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



C4AEA7



ACB6A6



9EB7BE



B9AFBF

# Rectangle

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



C4AEA7



B9B2A2



9EB7BE



ABB3C3



# Sweetspot

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



C4AEA7



FFF7F5



C4A7BD



807B79



000000



808080



# Same Dimension

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



C4AEA7



FFDCD1



C4BCA7



615A57



A12700



210800

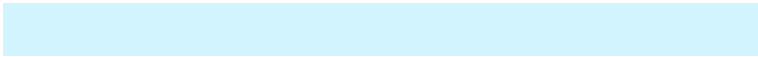


# Inverse Universe

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



A7BDC4



D1F4FF



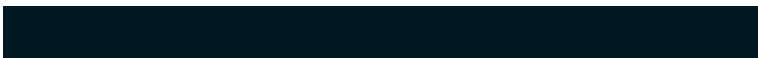
A7AFC4



575F61



007AA1



001921



# Previews

## White Background



This preview shows how the Hex color C4AEA7 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 C4AEA7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

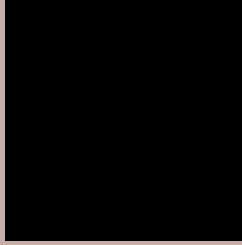
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C4AEA7 Background



This preview shows how black text looks on a background with the Hex color C4AEA7.

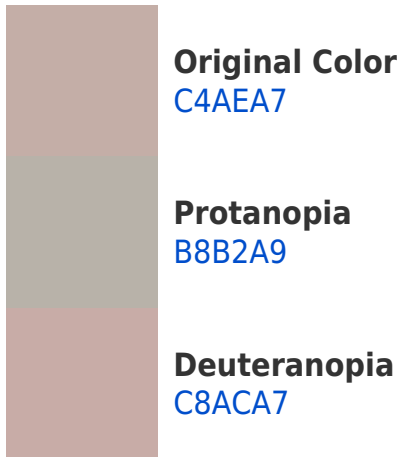


This preview shows how white text looks on a background with the Hex color C4AEA7.

# 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**  
C6ABB9

# Trichromacy



**Original Color**  
C4AEA7

**Protanomaly**  
BCB1A8

**Deuteranomaly**  
C7ADA7

**Tritanomaly**  
C5ACB2

# Monochromacy



**Original Color**  
C4AEA7

**Achromatopsia**  
B4B4B4

**Achromatomaly**  
BAB2AF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4AEA7 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 #C4AEA7 looks like.

```
.text, #text, p{  
    color:#C4AEA7  
}
```

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 #C4AEA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4AEA7
}
```

## Border

The CSS property to change the border of an element to Hex C4AEA7 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
#C4AEA7 }
```

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

```
.border{ border-color:#C4AEA7 }
```

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

Here you see how a box with a 4 pixel #C4AEA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4AEA7; -webkit-box-shadow:4px 4px  
4px 4px #C4AEA7; box-shadow:4px 4px 4px  
4px #C4AEA7 }
```

# Background

The CSS property to change the background color of an element to Hex C4AEA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4AEA7 }
```

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

```
.background{ background-color:#C4AEA7 }
```

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