

# Converting Colors

Hex(C6AEAA)

Have a look what the booklet for  
Hex(C6AEAA) contains.

<b>Hex(C6AEAA)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(C6AEAA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6AEAA
RGB	198, 174, 170
RGB Percent	78%, 68%, 67%
CMY	0.2235, 0.3176, 0.3333
CMYK	0.00, 0.12, 0.14, 0.22
HSL	9°, 20%, 72%
HSV	9°, 14%, 78%
XYZ	45.6805, 45.1801, 44.3432
YIQ	180.7200, 15.5880, 3.8440

# Conversions

## Conversions Part 2

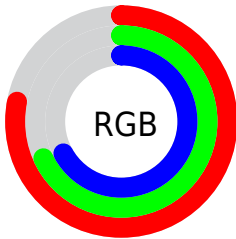
<b>Format</b>	<b>Color</b>
<b>RYB</b>	198, 175, 170
Decimal	13020842
CIELab	73.01, 7.99, 5.22
CIElCh	73, 9.541, 33.163
Yxy	45.1801, 0.3379, 0.3342
Android (android.graphics.Color)	4291210922 (0xFFC6AEAA)
YUV	180.7200, -5.2850, 15.1546
Hunter-Lab	67.2162, 3.6812, 7.9371

# Details

The Hex color **C6AEAA** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **AAC2C6**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFE5E1**, and **907A76** is the 20% darker color. If you saturate the color by 10%, you get **C69D96**, and if you desaturate by 10%, it is **C6BFBE**.

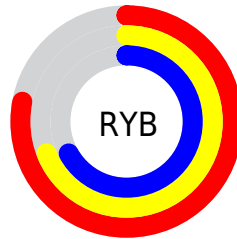
# Distribution



Red (78%)

Green (68%)

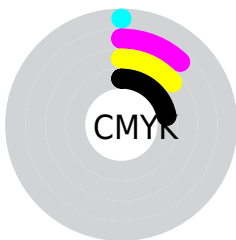
Blue (67%)



Red (78%)

Yellow (69%)

Blue (67%)

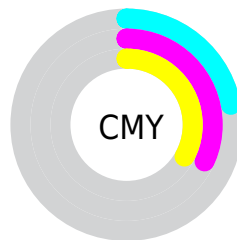


Cyan (0%)

Magenta (12%)

Yellow (14%)

Black (22%)



Cyan (22%)

Magenta (32%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6AEAA 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 C6AEAA by changing the saturation by 10% instead.





C6AEAA



C6AEAA

FFFFFF



AB9390



FFE5E1



907A76

FFFFFFE



76615D



5D4946



45322F



2E1D1B



1C0400



000000



C6AEAA



C6AEAA

 C69D96

 C6BFBE

 C68C82

 C6D0D2

 C67B6F

 C6E1E5

 C66A5B

 C6F2F9

 C65947

 C6FFFF

 C64833

 C6371F

 C6260C

 C61C00

# Harmonies

## Analogous

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



C5ADB3



C6AEAA



C2B0A4

# Triad

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



C6AEAA



A6B8AB



ABB4C4

# Complementary

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



C6AEAA



AAC2C6

# 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.



A2B6C2



C6AEAA



9FB9B4

# Square

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



C6AEAA



B0B6A4



9EB8BC



B6B1C2

# Rectangle

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



C6AEAA



BDB2A2



9EB8BC



A8B5C4



# Sweetspot

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



C6AEAA



FFF6F5



C6AAC2



807A79



000000



808080

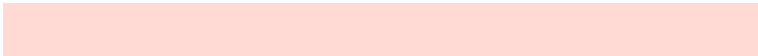


# Same Dimension

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



C6AEAA



FFDAD4



C6BCAA



635B5A



A31700



240500

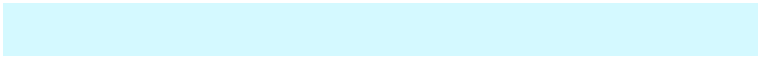


# Inverse Universe

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



AAC2C6



D4F9FF



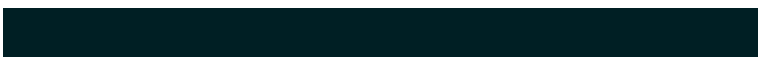
AAB4C6



5A6263



008CA3



001F24



# Previews

## White Background



This preview shows how the Hex color C6AEAA looks on a white background.

## Color Contrast Check

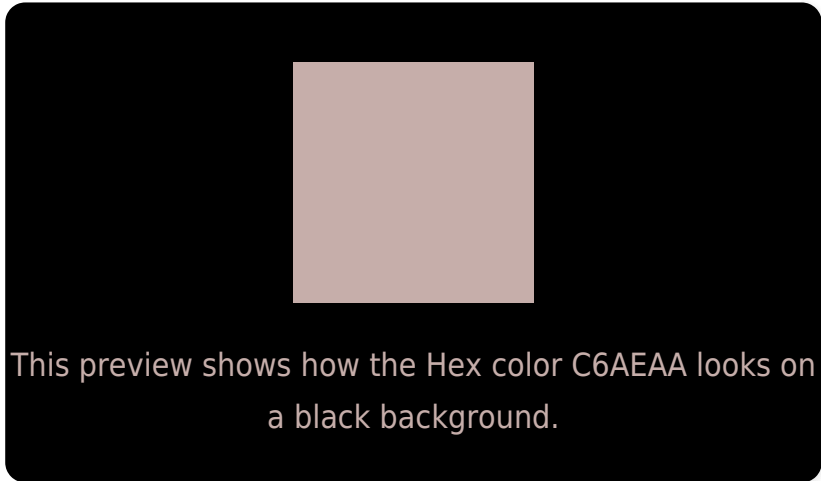
Large Text (above 18pt) WCAG AA × Fail

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

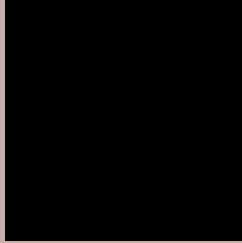
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C6AEAA Background



This preview shows how black text looks on a background with the Hex color C6AEAA.

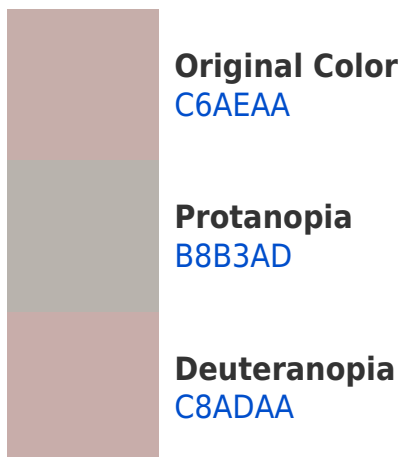


This preview shows how white text looks on a background with the Hex color C6AEAA.

# 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**  
C8ACB9

# Trichromacy



**Original Color**  
C6AEAA

**Protanomaly**  
BDB1AC

**Deuteranomaly**  
C7ADAA

**Tritanomaly**  
C7ADB4

# Monochromacy



**Original Color**  
C6AEAA

**Achromatopsia**  
B5B5B5

**Achromatomaly**  
BBB2B1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6AEAA 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 #C6AEAA looks like.

```
.text, #text, p{  
    color:#C6AEAA  
}
```

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 #C6AEAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6AEAA
}
```

## Border

The CSS property to change the border of an element to Hex C6AEAA is called "border". The border property can be set on classes, ids or directly on the HTML element.

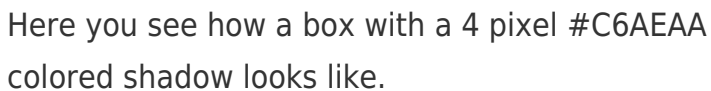
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C6AEAA }
```

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

```
.border{ border-color:#C6AEAA }
```

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



Here you see how a box with a 4 pixel #C6AEAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6AEAA; -webkit-box-shadow:4px 4px  
4px 4px #C6AEAA; box-shadow:4px 4px 4px  
4px #C6AEAA }
```

# Background

The CSS property to change the background color of an element to Hex C6AEAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6AEAA }
```

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

```
.background{ background-color:#C6AEAA }
```

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