

# Converting Colors

Hex(C0A87B)

Have a look what the booklet for  
Hex(C0A87B) contains.

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# **Color**

**Hex(C0A87B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0A87B
RGB	192, 168, 123
RGB Percent	75%, 66%, 48%
CMY	0.2471, 0.3412, 0.5176
CMYK	0.00, 0.12, 0.36, 0.25
HSL	39°, 35%, 62%
HSV	39°, 36%, 75%
XYZ	39.3160, 40.6418, 24.5114
YIQ	170.0460, 28.7490, -8.9070

# Conversions

## Conversions Part 2

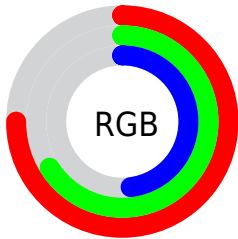
<b>Format</b>	<b>Color</b>
<b>RYB</b>	160, 192, 123
Decimal	12626043
CIELab	69.92, 2.18, 26.48
CIELCh	70, 26.570, 85.286
Yxy	40.6418, 0.3763, 0.3890
Android (android.graphics.Color)	4290816123 (0xFFC0A87B)
YUV	170.0460, -23.1937, 19.2537
Hunter-Lab	63.7509, -1.4809, 21.8294

# Details

The Hex color **C0A87B** is a light color, and the websafe version is hex **999966**. A complement of this color would be **7B93C0**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **F9DFB0**, and **89744A** is the 20% darker color. If you saturate the color by 10%, you get **C0A168**, and if you desaturate by 10%, it is **C0AF8E**.

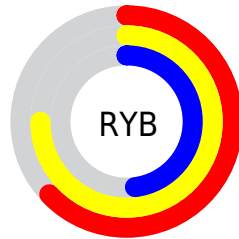
# Distribution



Red (75%)

Green (66%)

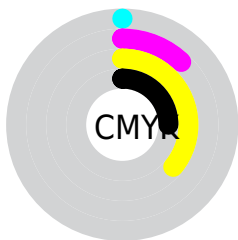
Blue (48%)



Red (63%)

Yellow (75%)

Blue (48%)

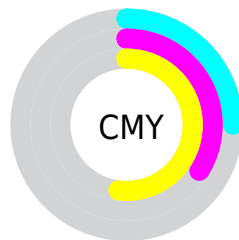


Cyan (0%)

Magenta (12%)

Yellow (36%)

Black (25%)



Cyan (25%)

Magenta (34%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0A87B 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 C0A87B by changing the saturation by 10% instead.





C0A87B



C0A87B

FFFFFF



A48E62



F9DFB0



89744A



FFFCCB



6F5C32



FFFFE8



56441C



3D2E05



261A00



050000



000000



C0A87B



C0A87B

 C0A168

 C0AF8E

 C09B55

 C0B5A1

 C09441

 C0BCB5

 C08D2E

 C0C3C8

 C0871B

 C0C9DB

 C08008

 C0D0EE

 C07D00

 C0D7FF

 C0DDFF

 C0E4FF

# Harmonies

## Analogous

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



D3A084



C0A87B



A7B07F

# Triad

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



C0A87B



63B8BF



C69EC7

# Complementary

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



C0A87B



7B93C0

# 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.



AAA6D6



C0A87B



6BB5D2

# Square

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



C0A87B



71B8A6



87AEDA



D89AB0

# Rectangle

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



C0A87B



94B488



87AEDA



BEA1CD

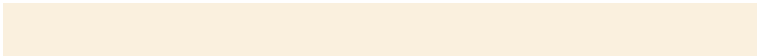


# Sweetspot

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



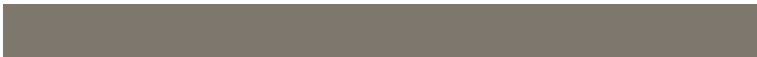
C0A87B



FAF0DE



C07B93



7D776D



FCFCFC



7D7D7D



# Same Dimension

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



C0A87B



FAD58E



B6C07B



615E57



A16900



211600



# Inverse Universe

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



7B93C0



8EB4FA



857BC0



575B61



0038A1

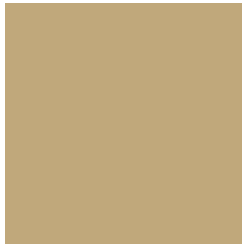


000C21



# Previews

## White Background



This preview shows how the Hex color C0A87B looks on a white background.

## Color Contrast Check

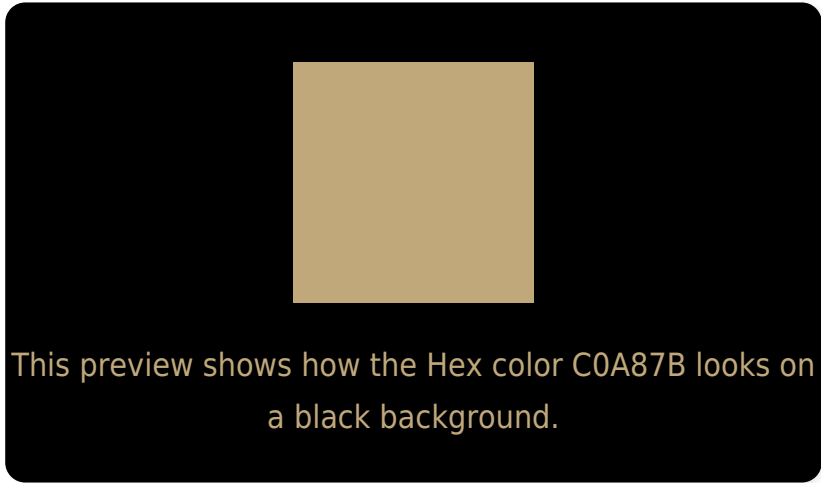
Large Text (above 18pt) WCAG AA × Fail

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

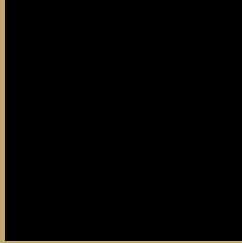
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C0A87B Background



This preview shows how black text looks on a background with the Hex color C0A87B.



This preview shows how white text looks on a background with the Hex color C0A87B.

# 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**  
C0A87B

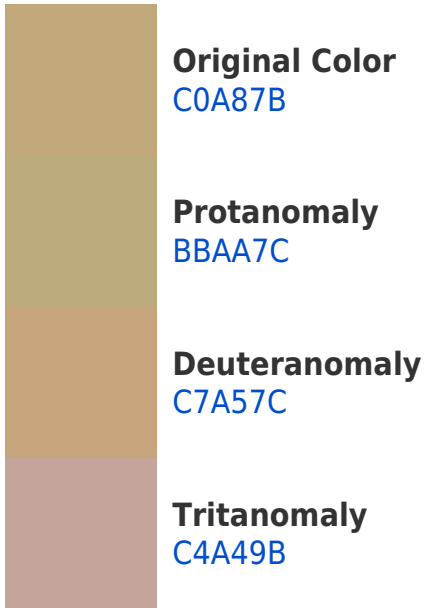
**Protanopia**  
B8AB7C

**Deuteranopia**  
CBA47C

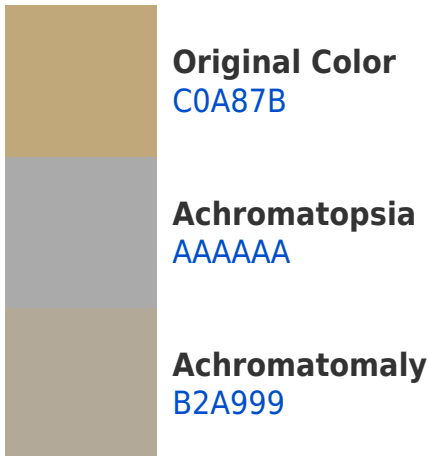


**Tritanopia**  
C6A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0A87B 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 #C0A87B looks like.

```
.text, #text, p{  
    color:#C0A87B  
}
```

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 #C0A87B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0A87B
}
```

## Border

The CSS property to change the border of an element to Hex C0A87B 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
#C0A87B }
```

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

```
.border{ border-color:#C0A87B }
```

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

Here you see how a box with a 4 pixel #C0A87B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0A87B; -webkit-box-shadow:4px 4px  
4px 4px #C0A87B; box-shadow:4px 4px 4px  
4px #C0A87B }
```

# Background

The CSS property to change the background color of an element to Hex C0A87B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0A87B }
```

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

```
.background{ background-color:#C0A87B }
```

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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