

# Converting Colors

Hex(C4CA7A)

Have a look what the booklet for  
Hex(C4CA7A) contains.

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# **Color**

**Hex(C4CA7A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4CA7A
RGB	196, 202, 122
RGB Percent	77%, 79%, 48%
CMY	0.2314, 0.2078, 0.5216
CMYK	0.03, 0.00, 0.40, 0.21
HSL	64°, 43%, 64%
HSV	64°, 40%, 79%
XYZ	47.3983, 55.3820, 26.6040
YIQ	191.0860, 22.1040, -26.1520

# Conversions

## Conversions Part 2

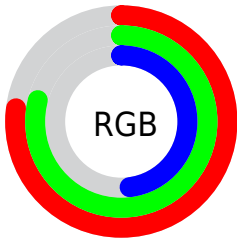
<b>Format</b>	<b>Color</b>
<b>RYB</b>	122, 202, 128
Decimal	12896890
CIELab	79.26, -14.11, 39.21
CIELCh	79, 41.669, 109.786
Yxy	55.3820, 0.3663, 0.4280
Android (android.graphics.Color)	4291086970 (0xFFC4CA7A)
YUV	191.0860, -34.0594, 4.3096
Hunter-Lab	74.4191, -16.5447, 30.8978

# Details

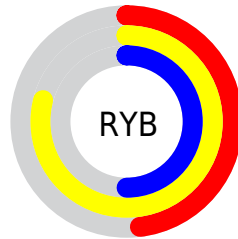
The Hex color **C4CA7A** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **807ACA**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FEFFB0**, and **8D9447** is the 20% darker color. If you saturate the color by 10%, you get **C2CA66**, and if you desaturate by 10%, it is **C6CA8E**.

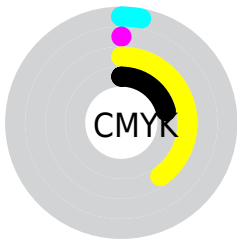
# Distribution



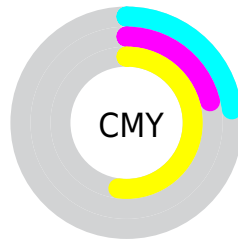
- Red (77%)
- Green (79%)
- Blue (48%)



- Red (48%)
- Yellow (79%)
- Blue (50%)



- Cyan (3%)
- Magenta (0%)
- Yellow (40%)
- Black (21%)



- Cyan (23%)
- Magenta (21%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4CA7A 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 C4CA7A by changing the saturation by 10% instead.



 C4CA7A

 C4CA7A

FFFFFF

 A8AF60

 FEFFB0

 8D9447

 FFFFFCB

 727A2F

 FFFFFE8

 596216

 404A00

 283300

 0E1E00

 000000

 C4CA7A

 C4CA7A

 C2CA66

 C6CA8E

 C1CA52

 C7CAA2

 BFCA3D

 C9CAB7

 BECA29

 CACACB

 BCCA15

 CCCADF

 BBKA01

 CDCAF3

 BBKA00

 CFCAFF

 D0CAFF

 D2CAFF

# Harmonies

## Analogous

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



EABD78



C4CA7A



98D391

# Triad

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



C4CA7A



30D5FE



FFA7D3

# Complementary

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



C4CA7A



807ACA

# 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.



E8B1F7



C4CA7A



75CCFF

# Square

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



C4CA7A



2DD9DD



B5BFFF



FFA7AC

# Rectangle

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



C4CA7A



77D7A8



B5BFFF



FFAAE0



# Sweetspot

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



C4CA7A



FDFFE0



CA7F7A



7E806E



000000



808080



# Same Dimension

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



C4CA7A



F6FF85



9DCA7A



65665C



99A600



232600



# Inverse Universe

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



807ACA



8E85FF



A77ACA



5D5C66



0C00A6



030026



# Previews

## White Background



This preview shows how the Hex color C4CA7A looks on a white background.

## Color Contrast Check

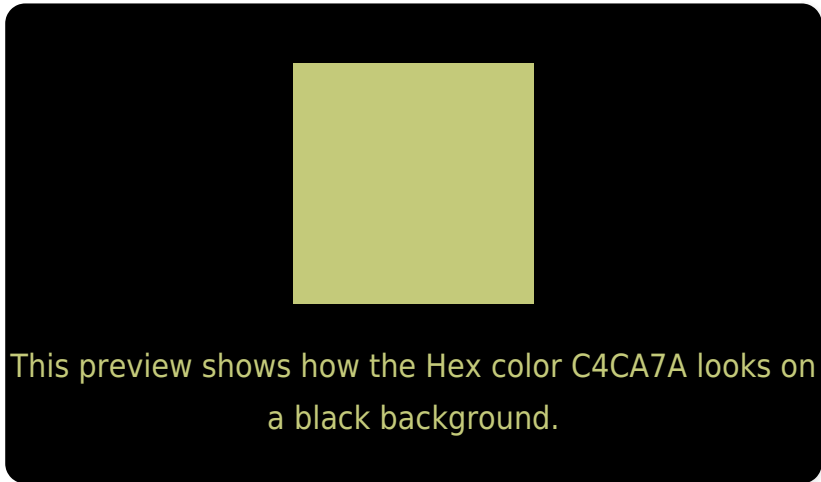
Large Text (above 18pt) WCAG AA × Fail

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

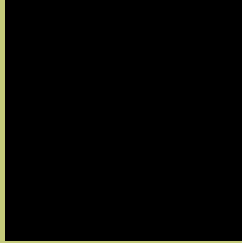
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C4CA7A Background



This preview shows how black text looks on a background with the Hex color C4CA7A.

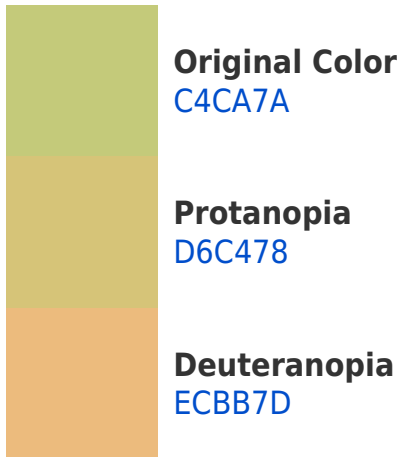


This preview shows how white text looks on a background with the Hex color C4CA7A.

# Color Blindness Simulation

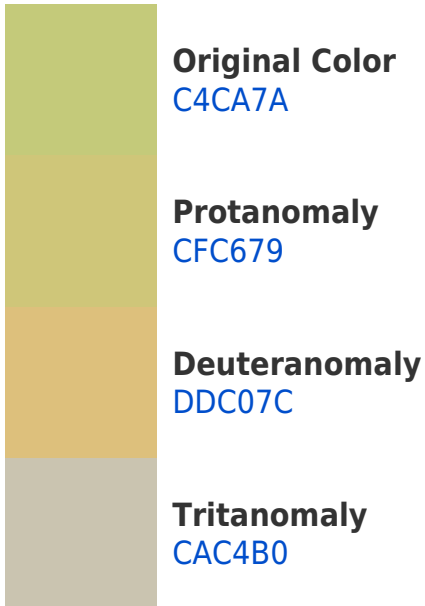
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

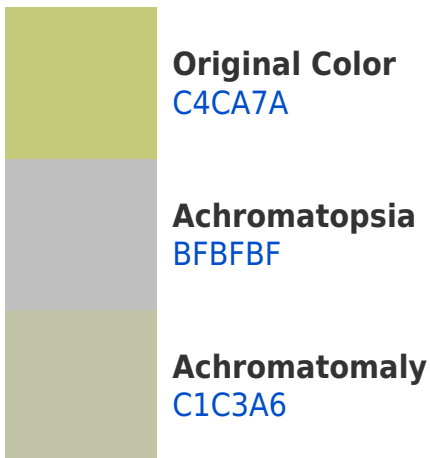




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4CA7A 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 #C4CA7A looks like.

```
.text, #text, p{  
    color:#C4CA7A  
}
```

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 #C4CA7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4CA7A
}
```

## Border

The CSS property to change the border of an element to Hex C4CA7A 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
#C4CA7A }
```

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

```
.border{ border-color:#C4CA7A }
```

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

Here you see how a box with a 4 pixel #C4CA7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4CA7A; -webkit-box-shadow:4px 4px  
4px 4px #C4CA7A; box-shadow:4px 4px 4px  
4px #C4CA7A }
```

# Background

The CSS property to change the background color of an element to Hex C4CA7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4CA7A }
```

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

```
.background{ background-color:#C4CA7A }
```

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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