

# Converting Colors

Hex(CCAE7A)

Have a look what the booklet for  
Hex(CCAE7A) contains.

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# **Color**

**Hex(CCAE7A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCA E7A
RGB	204, 174, 122
RGB Percent	80%, 68%, 48%
CMY	0.2000, 0.3176, 0.5216
CMYK	0.00, 0.15, 0.40, 0.20
HSL	38°, 45%, 64%
HSV	38°, 40%, 80%
XYZ	43.5507, 44.5146, 24.7092
YIQ	177.0420, 34.5720, -9.8120

# Conversions

## Conversions Part 2

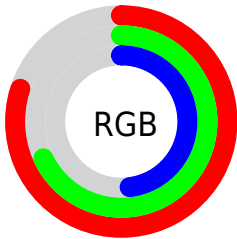
Format	Color
<b>RYB</b>	169, 204, 122
Decimal	13414010
CIELab	72.57, 3.70, 30.72
CIELCh	73, 30.939, 83.138
Yxy	44.5146, 0.3862, 0.3947
Android (android.graphics.Color)	4291604090 (0xFFCCA7A)
YUV	177.0420, -27.1357, 23.6422
Hunter-Lab	66.7193, -0.2436, 24.7457

# Details

The Hex color **CCAE7A** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7A98CC**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFE5AF**, and **947A48** is the 20% darker color. If you saturate the color by 10%, you get **CCA766**, and if you desaturate by 10%, it is **CCB58E**.

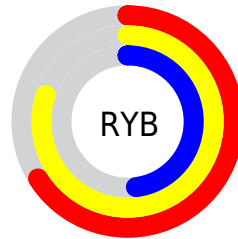
# Distribution



Red (80%)

Green (68%)

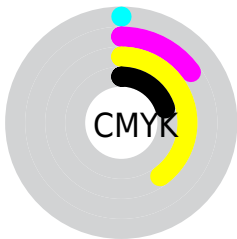
Blue (48%)



Red (66%)

Yellow (80%)

Blue (48%)

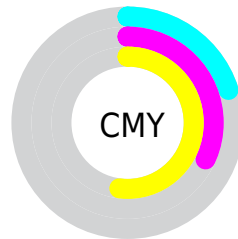


Cyan (0%)

Magenta (15%)

Yellow (40%)

Black (20%)



Cyan (20%)

Magenta (32%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCAE7A 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 CCAE7A by changing the saturation by 10% instead.





CCA E7A



CCA E7A

FFFFFF



B09361



FFE5AF



947A48



FFFFCB



796131



FFFFE7



5F491A



463302



2E1E00



150600



000000



CCA E7A



CCA E7A

CCA766

CCB58E

CC9F51

CCBDA3

CC983D

CCC4B7

CC9028

CCCCCC

CC8914

CCD3E0

CC8100

CCDBF4

CCE2FF

CCEAFF

CCF1FF

# Harmonies

## Analogous

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



E1A586



CCA E7A



AFB77D

# Triad

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



CCA E7A



58C1C7



D0A3D4

# Complementary

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



CCA E7A



7A98CC

# 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.



ADADE6



CCA7A



60BEDE

# Square

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



CCA E7A



6EC1AA



83B7EA



E59EBA

# Rectangle

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



CCA E7A



9A B C88



83 B 7E A



C6 A 6D B

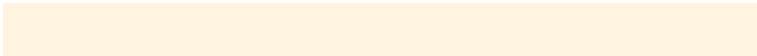


# Sweetspot

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



CCA E7A



FFF4E0



CC7A98



80796E



000000



808080



# Same Dimension

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



CCA E7A



FFD285



C1CC7A



66625C



A66900



261800



# Inverse Universe

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



7A98CC



85B1FF



857ACC



5C6066



003DA6

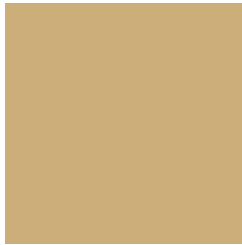


000E26



# Previews

## White Background



This preview shows how the Hex color CCAE7A looks on a white background.

## Color Contrast Check

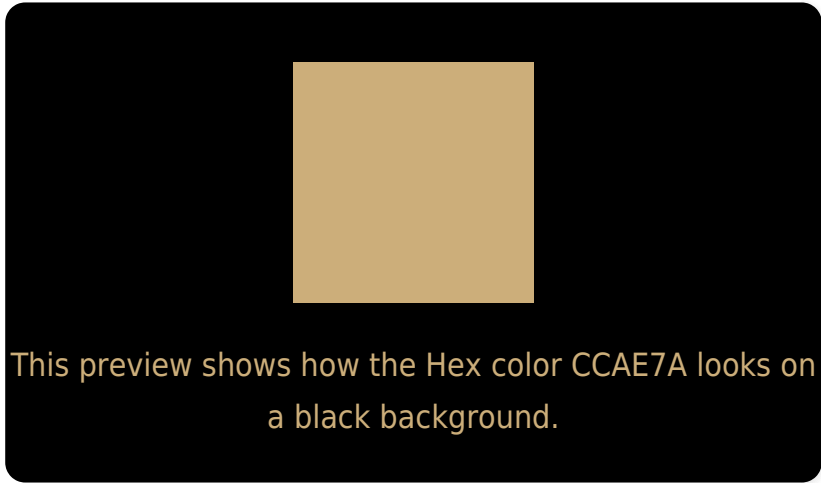
Large Text (above 18pt) WCAG AA × Fail

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

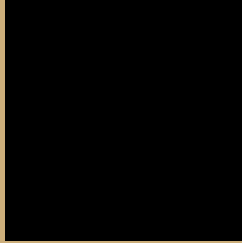
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CCAE7A Background



This preview shows how black text looks on a background with the Hex color CCAE7A.

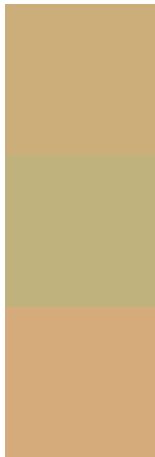


This preview shows how white text looks on a background with the Hex color CCAE7A.

# 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**  
CCA E7A

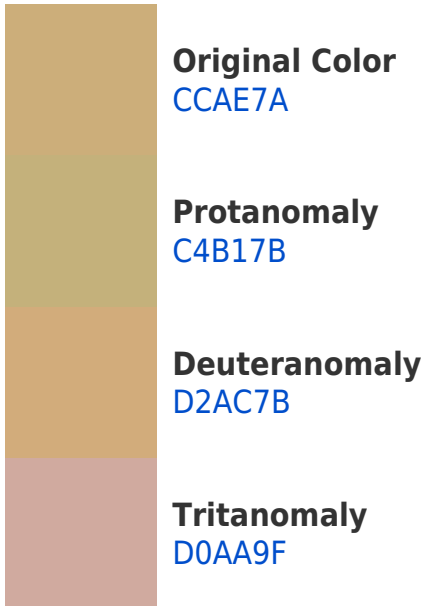
**Protanopia**  
C0B27C

**Deuteranopia**  
D5AB7B



**Tritanopia**  
D2A7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCAE7A 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 #CCA7E7A looks like.

```
.text, #text, p{  
    color:#CCA7E7A  
}
```

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 #CCA77A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCA77A
}
```

## Border

The CSS property to change the border of an element to Hex CCA77A 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
#CCA77A }
```

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

```
.border{ border-color:#CCA7E7A }
```

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

Here you see how a box with a 4 pixel #CCA7E7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCA7E7A; -webkit-box-shadow:4px 4px  
4px 4px #CCA7E7A; box-shadow:4px 4px 4px  
4px #CCA7E7A }
```

# Background

The CSS property to change the background color of an element to Hex CCAE7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCA7E7A }
```

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

```
.background{ background-color:#CCA7E7A }
```

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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