

# Converting Colors

Hex(ACAA7C)

Have a look what the booklet for  
Hex(ACAA7C) contains.

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# **Color**

**Hex(ACAA7C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACAA7C
RGB	172, 170, 124
RGB Percent	67%, 67%, 49%
CMY	0.3255, 0.3333, 0.5137
CMYK	0.00, 0.01, 0.28, 0.33
HSL	57°, 22%, 58%
HSV	57°, 28%, 67%
XYZ	35.0261, 38.9753, 24.7457
YIQ	165.3540, 15.9580, -13.8820

# Conversions

## Conversions Part 2

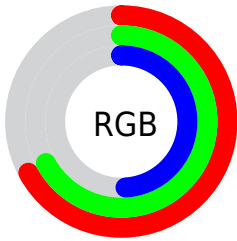
<b>Format</b>	<b>Color</b>
<b>RYB</b>	126, 172, 124
Decimal	11315836
CIELab	68.73, -6.76, 24.04
CIELCh	69, 24.973, 105.703
Yxy	38.9753, 0.3547, 0.3947
Android (android.graphics.Color)	4289505916 (0xFFACAA7C)
YUV	165.3540, -20.3875, 5.8285
Hunter-Lab	62.4302, -9.1067, 20.2002

# Details

The Hex color **ACAA7C** is a light color, and the websafe version is hex **999966**. A complement of this color would be **7C7EAC**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **E4E1B1**, and **77764B** is the 20% darker color. If you saturate the color by 10%, you get **ACA96B**, and if you desaturate by 10%, it is **ACAB8D**.

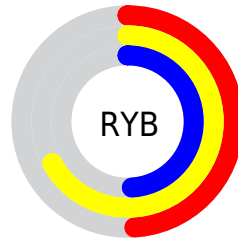
# Distribution



Red (67%)

Green (67%)

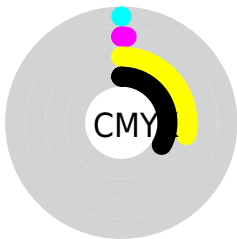
Blue (49%)



Red (49%)

Yellow (67%)

Blue (49%)

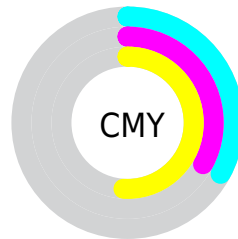


Cyan (0%)

Magenta (1%)

Yellow (28%)

Black (33%)



Cyan (33%)

Magenta (33%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACAA7C 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 ACAA7C by changing the saturation by 10% instead.





ACAA7C



ACAA7C

FFFFFF



919063



E4E1B1



77764B



FFFECC



5E5D33



FFFFE9



46461D



2E3006



191B00



000000



ACAA7C



ACAA7C



ACA96B



ACAB8D

■ ACA95A

■ ACAB9E

■ ACA848

■ ACACB0

■ ACA737

■ ACADC1

■ ACA626

■ ACAED2

■ ACA615

■ ACAEE3

■ ACA504

■ ACAFF4

■ ACA500

■ ACB0FF

# Harmonies

## Analogous

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



C2A37C



ACAA7C



92B088

# Triad

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



ACAA7C



68B2C7



CE98B3

# Complementary

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



ACAA7C



7C7EAC

# 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.



BA9EC7



ACAA7C



7DADD3

# Square

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



ACAA7C



68B4B3



9DA6D3



D6989C

# Rectangle

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



ACAA7C



81B394



9DA6D3



C89ABB



# Sweetspot

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



ACAA7C



E0E0CE



AC7C7E



707065



F0F0F0



707070



# Same Dimension

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



ACAA7C



E0DD96



96AC7C



57564E



969000



171600



# Inverse Universe

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



7C7EAC



9699E0



927CAC



4E4E57



000696



000117



# Previews

## White Background



This preview shows how the Hex color ACAA7C looks on a white background.

## Color Contrast Check

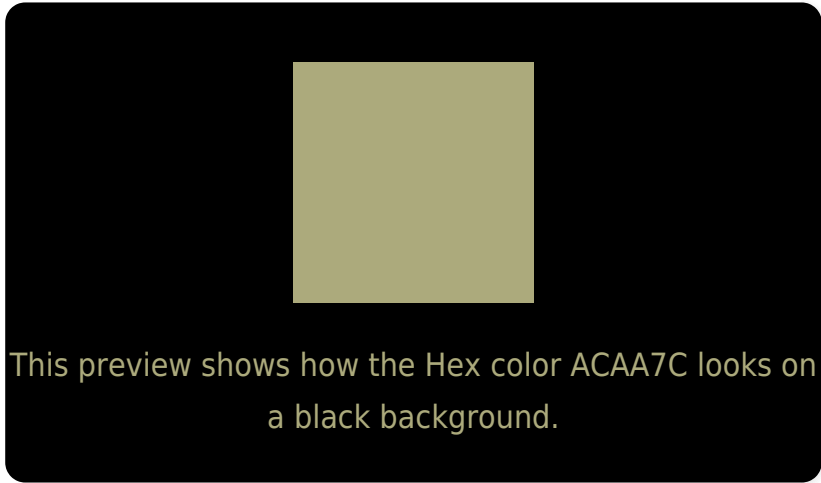
Large Text (above 18pt) WCAG AA × Fail

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

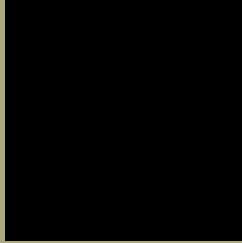
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ACAA7C Background



This preview shows how black text looks on a background with the Hex color ACAA7C.

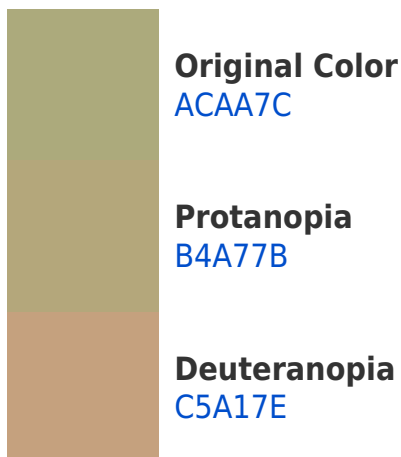


This preview shows how white text looks on a background with the Hex color ACAA7C.

# 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**  
B2A3B0

# Trichromacy



**Original Color**  
ACAA7C

**Protanomaly**  
B1A87B

**Deuteranomaly**  
BCA47D

**Tritanomaly**  
B0A69D

# Monochromacy



**Original Color**  
ACAA7C

**Achromatopsia**  
A5A5A5

**Achromatomaly**  
A8A796

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACAA7C 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 #ACAA7C looks like.

```
.text, #text, p{  
    color:#ACAA7C  
}
```

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 #ACAA7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACAA7C  
}
```

## Border

The CSS property to change the border of an element to Hex ACAA7C 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  
#ACAA7C }
```

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

```
.border{ border-color:#ACAA7C }
```

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

Here you see how a box with a 4 pixel #ACAA7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACAA7C; -webkit-box-shadow:4px 4px  
4px 4px #ACAA7C; box-shadow:4px 4px 4px  
4px #ACAA7C }
```

# Background

The CSS property to change the background color of an element to Hex ACAA7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACAA7C }
```

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

```
.background{ background-color:#ACAA7C }
```

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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