

# Converting Colors

Hex(ACAC74)

Have a look what the booklet for  
Hex(ACAC74) contains.

<b>Hex(ACAC74)</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(ACAC74)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACAC74
RGB	172, 172, 116
RGB Percent	67%, 67%, 45%
CMY	0.3255, 0.3255, 0.5451
CMYK	0.00, 0.00, 0.33, 0.33
HSL	60°, 25%, 56%
HSV	60°, 33%, 67%
XYZ	34.9182, 39.5367, 22.3140
YIQ	165.6160, 17.9760, -17.4160

# Conversions

## Conversions Part 2

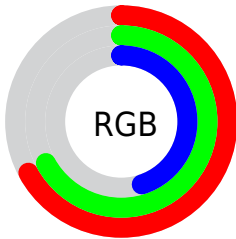
<b>Format</b>	<b>Color</b>
<b>RYB</b>	116, 172, 116
Decimal	11316340
CIELab	69.14, -8.87, 28.88
CIELCh	69, 30.207, 107.080
Yxy	39.5367, 0.3608, 0.4086
Android (android.graphics.Color)	4289506420 (0xFFACAC74)
YUV	165.6160, -24.4607, 5.5988
Hunter-Lab	62.8782, -10.9103, 22.9741

# Details

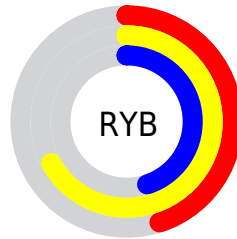
The Hex color **ACAC74** is a light color, and the websafe version is hex **999966**. A complement of this color would be **7474AC**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **E4E3A9**, and **777843** is the 20% darker color. If you saturate the color by 10%, you get **ACAC63**, and if you desaturate by 10%, it is **ACAC85**.

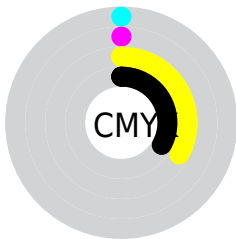
# Distribution



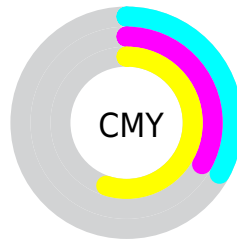
- Red (67%)
- Green (67%)
- Blue (45%)



- Red (45%)
- Yellow (67%)
- Blue (45%)



- Cyan (0%)
- Magenta (0%)
- Yellow (33%)
- Black (33%)



- Cyan (33%)
- Magenta (33%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACAC74 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 ACAC74 by changing the saturation by 10% instead.



 ACAC74

 ACAC74

FFFFFF

 91915B

 E4E3A9

 777843

 FFFFC4

 5D5F2C

 FFFFEO

 454815

FFFFFFD

 2E3100

 171C00

 000000

 ACAC74

 ACAC74

 ACAC63

 ACAC85

 ACAC52

 ACAC96

 ACAC40

 ACACA8

 ACAC2F

 ACACB9

 ACAC1E

 ACACCA

 ACAC0D

 ACACDB

 ACAC00

 ACACEC

 ACACFE

 ACACFF

# Harmonies

## Analogous

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



C7A374



ACAC74



8DB383

# Triad

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



ACAC74



54B5D0



D796B6

# Complementary

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



ACAC74



7474AC

# 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.



C09CCE



ACAC74



73AFDD

# Square

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



ACAC74



54B8B8



9CA6DD



E0959A

# Rectangle

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



ACAC74



78B693



9CA6DD



D197BF



# Sweetspot

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



ACAC74



E0E0CA



AC7474



707063



F0F0F0



707070



# Same Dimension

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



ACAC74



E0E089



90AC74



57574E



969600



171700



# Inverse Universe

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



7474AC



8989E0



9074AC



4E4E57



000096



000017



# Previews

## White Background



This preview shows how the Hex color ACAC74 looks on a white background.

## Color Contrast Check

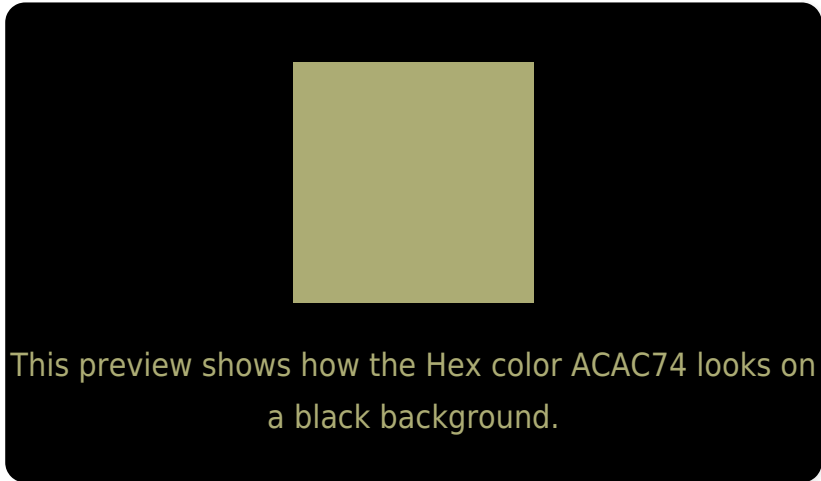
Large Text (above 18pt) WCAG AA × Fail

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

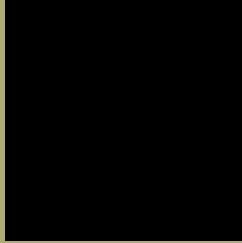
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ACAC74 Background



This preview shows how black text looks on a background with the Hex color ACAC74.



This preview shows how white text looks on a background with the Hex color ACAC74.

# 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**  
ACAC74

**Protanopia**  
B7A973

**Deuteranopia**  
C9A176

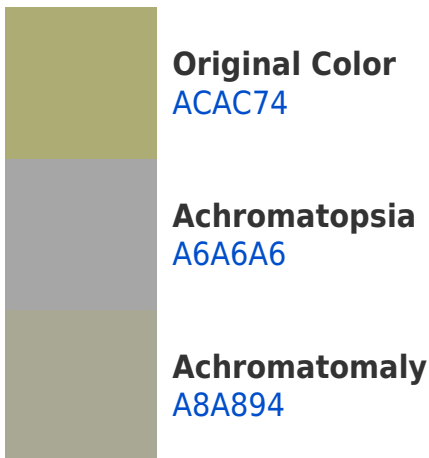


**Tritanopia**  
B3A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACAC74 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 #ACAC74 looks like.

```
.text, #text, p{  
    color:#ACAC74  
}
```

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 #ACAC74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACAC74
}
```

## Border

The CSS property to change the border of an element to Hex ACAC74 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
#ACAC74 }
```

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

```
.border{ border-color:#ACAC74 }
```

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

Here you see how a box with a 4 pixel #ACAC74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACAC74; -webkit-box-shadow:4px 4px  
4px 4px #ACAC74; box-shadow:4px 4px 4px  
4px #ACAC74 }
```

# Background

The CSS property to change the background color of an element to Hex ACAC74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACAC74 }
```

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

```
.background{ background-color:#ACAC74 }
```

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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