

# Converting Colors

Hex(ACA674)

Have a look what the booklet for  
Hex(ACA674) contains.

<b>Hex(ACA674)</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(ACA674)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACA674
RGB	172, 166, 116
RGB Percent	67%, 65%, 45%
CMY	0.3255, 0.3490, 0.5451
CMYK	0.00, 0.03, 0.33, 0.33
HSL	54°, 25%, 56%
HSV	54°, 33%, 67%
XYZ	33.8019, 37.3040, 21.9418
YIQ	162.0940, 19.6260, -14.2780

# Conversions

## Conversions Part 2

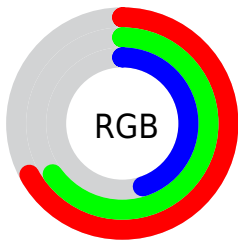
<b>Format</b>	<b>Color</b>
<b>RYB</b>	123, 172, 116
Decimal	11314804
CIELab	67.50, -5.69, 26.72
CIELCh	68, 27.316, 102.018
Yxy	37.3040, 0.3633, 0.4009
Android (android.graphics.Color)	4289504884 (0xFFACA674)
YUV	162.0940, -22.7243, 8.6876
Hunter-Lab	61.0770, -8.0976, 21.4541

# Details

The Hex color **ACA674** is a light color, and the websafe version is hex **999966**. A complement of this color would be **747AAC**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **E4DDA8**, and **777243** is the 20% darker color. If you saturate the color by 10%, you get **ACA463**, and if you desaturate by 10%, it is **ACA885**.

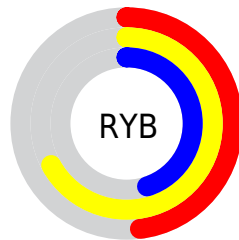
# Distribution



Red (67%)

Green (65%)

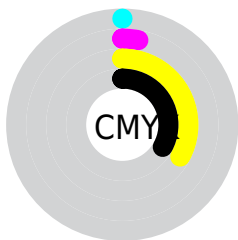
Blue (45%)



Red (48%)

Yellow (67%)

Blue (45%)

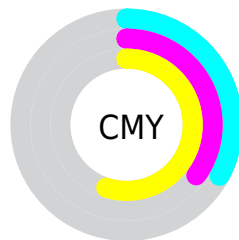


Cyan (0%)

Magenta (3%)

Yellow (33%)

Black (33%)



Cyan (33%)

Magenta (35%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACA674 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 ACA674 by changing the saturation by 10% instead.





ACA674



ACA674

FFFFFF



918C5B



E4DDA8



777243



FFF9C4



5D5A2C



FFFFE0



454216

FFFFFFD



2E2C00



171800



000000



ACA674



ACA674



ACA463



ACA885

 ACA252

 ACAA96

 ACA040

 ACACA8

 AC9F2F

 ACADB9

 AC9D1E

 ACAFCA

 AC9B0D

 ACB1DB

 AC9A00

 ACB3EC

 ACB5FE

 ACB7FF

# Harmonies

## Analogous

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



C39E76



ACA674



90AD7F

# Triad

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



ACA674



5AB0C4



CC94B4

# Complementary

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



ACA674



747AAC

# 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.



B49BC9



ACA674



70ABD3

# Square

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



ACA674



5EB2AE



93A3D4



D6929B

# Rectangle

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



ACA674



7DB08D



93A3D4



C596BC



# Sweetspot

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



ACA674



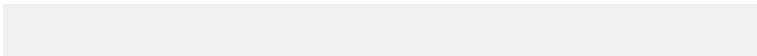
E0DECA



AC747B



706F63



F0F0F0



707070



# Same Dimension

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



ACA674



E0D789



97AC74



57564E



968600



171400



# Inverse Universe

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



747AAC



8992E0



8974AC



4E4F57



001096



000217



# Previews

## White Background



This preview shows how the Hex color ACA674 looks on a white background.

## Color Contrast Check

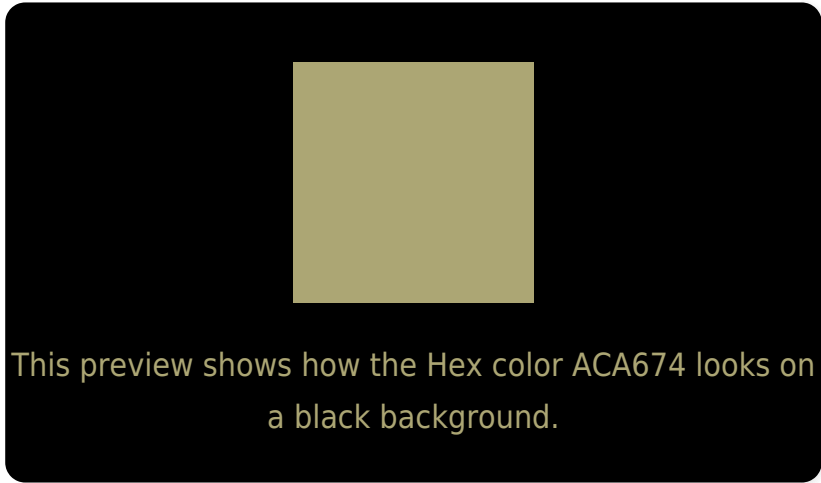
Large Text (above 18pt) WCAG AA × Fail

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

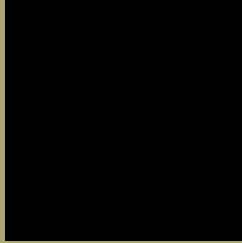
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

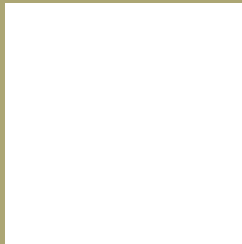
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ACA674 Background



This preview shows how black text looks on a background with the Hex color ACA674.

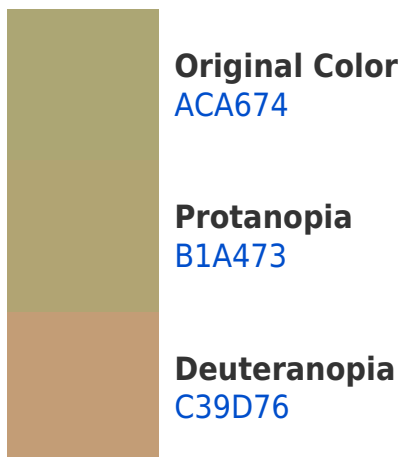


This preview shows how white text looks on a background with the Hex color ACA674.

# 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](#).

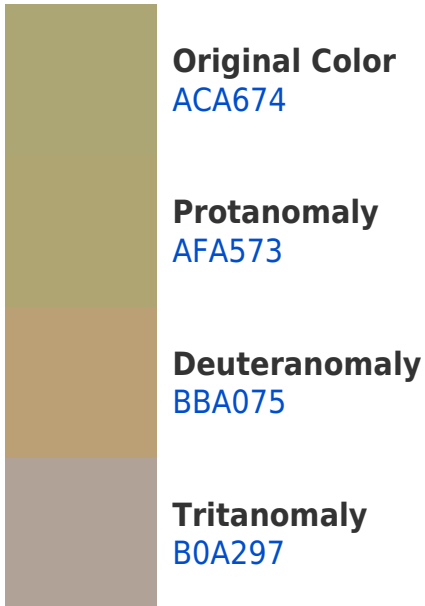
## Dichromacy



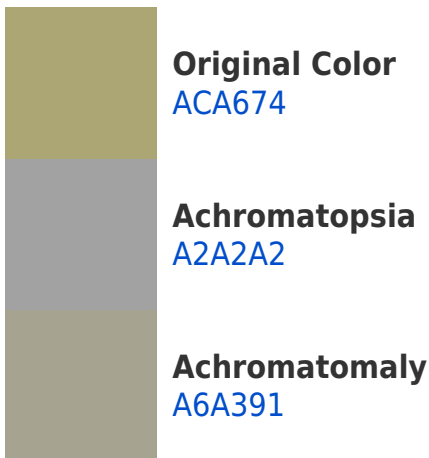


**Tritanopia**  
B39FAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACA674 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 #ACA674 looks like.

```
.text, #text, p{  
    color:#ACA674  
}
```

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 #ACA674 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACA674
}
```

## Border

The CSS property to change the border of an element to Hex ACA674 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
#ACA674 }
```

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

```
.border{ border-color:#ACA674 }
```

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

Here you see how a box with a 4 pixel #ACA674 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACA674; -webkit-box-shadow:4px 4px  
4px 4px #ACA674; box-shadow:4px 4px 4px  
4px #ACA674 }
```

# Background

The CSS property to change the background color of an element to Hex ACA674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACA674 }
```

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

```
.background{ background-color:#ACA674 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor