

# Converting Colors

Hex(ACAB96)

Have a look what the booklet for  
Hex(ACAB96) contains.

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# **Color**

**Hex(ACAB96)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACAB96
RGB	172, 171, 150
RGB Percent	67%, 67%, 59%
CMY	0.3255, 0.3294, 0.4118
CMYK	0.00, 0.01, 0.13, 0.33
HSL	57°, 12%, 63%
HSV	57°, 13%, 67%
XYZ	37.0812, 40.0985, 34.6396
YIQ	168.9050, 7.3370, -6.3190

# Conversions

## Conversions Part 2

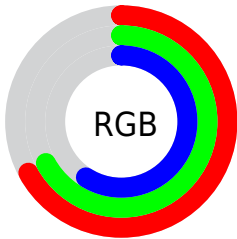
<b>Format</b>	<b>Color</b>
<b>RYB</b>	151, 172, 150
Decimal	11316118
CIELab	69.54, -3.36, 10.95
CIELCh	70, 11.453, 107.038
Yxy	40.0985, 0.3316, 0.3586
Android (android.graphics.Color)	4289506198 (0xFFACAB96)
YUV	168.9050, -9.3202, 2.7143
Hunter-Lab	63.3234, -6.2890, 11.8932

# Details

The Hex color **ACAB96** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9697AC**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **E3E2CC**, and **787763** is the 20% darker color. If you saturate the color by 10%, you get **ACAA85**, and if you desaturate by 10%, it is **ACACA7**.

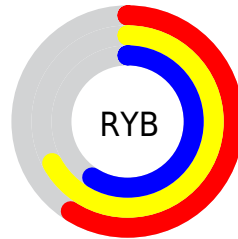
# Distribution



Red (67%)

Green (67%)

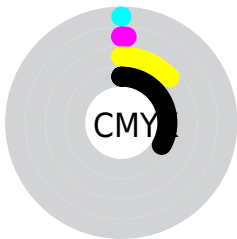
Blue (59%)



Red (59%)

Yellow (67%)

Blue (59%)

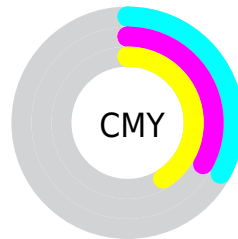


Cyan (0%)

Magenta (1%)

Yellow (13%)

Black (33%)



Cyan (33%)

Magenta (33%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACAB96 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 ACAB96 by changing the saturation by 10% instead.



 ACAB96

 ACAB96

FFFFFF

 91917C

 E3E2CC

 787763

 FFFFE8

 5F5E4B

 474735

 30301F

 1C1B08

 000000

 ACAB96

 ACAB96

 ACAA85

 ACACA7

■ ACA974

■ ACADB8

■ ACA962

■ ACADCA

■ ACA851

■ ACAEDB

■ ACA740

■ ACAFEC

■ ACA62F

■ ACB0FD

■ ACA61E

■ ACB0FF

■ ACA50C

■ ACB1FF

■ ACA400

■ ACB2FF

# Harmonies

## Analogous

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



B7A896



ACAB96



A0AE9B

# Triad

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



ACAB96



91AFB9



BCA3AF

# Complementary

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



ACAB96



9697AC

# 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.



B3A5B8



ACAB96



9AACBE

# Square

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



ACAB96



90B0AF



A6A9BE



C0A3A4

# Rectangle

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



ACAB96



99AFA1



A6A9BE



BAA4B2



# Sweetspot

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



ACAB96



E0E0D7



AC9697



70706B



F0F0F0



707070



# Same Dimension

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



ACAB96



E0DFBF



A2AC96



57564E



969000



171600



# Inverse Universe

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



9697AC



BFC0E0



A096AC



4E4E57



000796



000117



# Previews

## White Background



This preview shows how the Hex color ACAB96 looks on a white background.

## Color Contrast Check

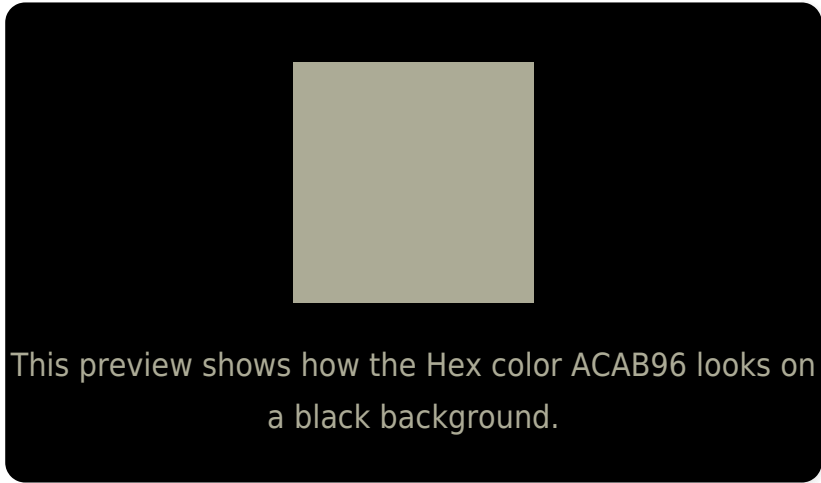
Large Text (above 18pt) WCAG AA × Fail

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

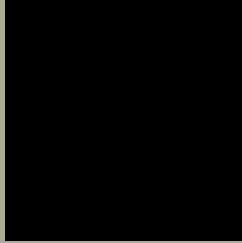
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

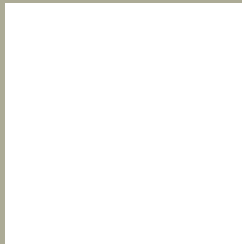
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ACAB96 Background



This preview shows how black text looks on a background with the Hex color ACAB96.

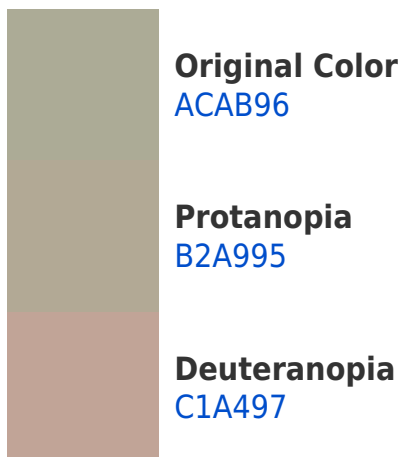


This preview shows how white text looks on a background with the Hex color ACAB96.

# 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](#).

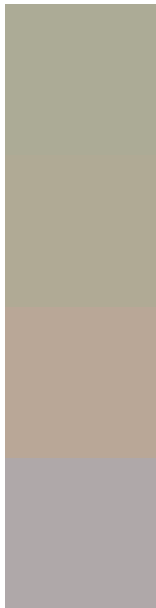
## Dichromacy





**Tritanopia**  
B0A7B4

# Trichromacy



**Original Color**  
ACAB96

**Protanomaly**  
B0AA95

**Deuteranomaly**  
B9A797

**Tritanomaly**  
AFA8A9

# Monochromacy



**Original Color**  
ACAB96

**Achromatopsia**  
A9A9A9

**Achromatomaly**  
AAAAA2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACAB96 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 #ACAB96 looks like.

```
.text, #text, p{  
    color:#ACAB96  
}
```

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 #ACAB96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACAB96
}
```

## Border

The CSS property to change the border of an element to Hex ACAB96 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
#ACAB96 }
```

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

```
.border{ border-color:#ACAB96 }
```

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

Here you see how a box with a 4 pixel #ACAB96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACAB96; -webkit-box-shadow:4px 4px  
4px 4px #ACAB96; box-shadow:4px 4px 4px  
4px #ACAB96 }
```

# Background

The CSS property to change the background color of an element to Hex ACAB96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACAB96 }
```

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

```
.background{ background-color:#ACAB96 }
```

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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