

# Converting Colors

Hex(ACAC87)

Have a look what the booklet for  
Hex(ACAC87) contains.

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# **Color**

**Hex(ACAC87)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACAC87
RGB	172, 172, 135
RGB Percent	67%, 67%, 53%
CMY	0.3255, 0.3255, 0.4706
CMYK	0.00, 0.00, 0.22, 0.33
HSL	60°, 18%, 60%
HSV	60°, 22%, 67%
XYZ	36.1390, 40.0250, 28.7425
YIQ	167.7820, 11.8770, -11.5070

# Conversions

## Conversions Part 2

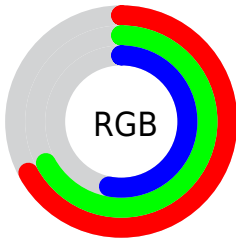
Format	Color
<a href="#">RYB</a>	<a href="#">135, 172, 135</a>
Decimal	<a href="#">11316359</a>
CIELab	<a href="#">69.49, -6.25, 19.09</a>
CIELCh	<a href="#">69, 20.092, 108.128</a>
Yxy	<a href="#">40.0250, 0.3445, 0.3815</a>
Android (android.graphics.Color)	<a href="#">4289506439 (0xFFACAC87)</a>
YUV	<a href="#">167.7820, -16.1615, 3.6992</a>
Hunter-Lab	<a href="#">63.2653, -8.7499, 17.3492</a>

# Details

The Hex color **ACAC87** is a light color, and the websafe version is hex **999966**. A complement of this color would be **8787AC**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **E4E3BC**, and **777855** is the 20% darker color. If you saturate the color by 10%, you get **ACAC76**, and if you desaturate by 10%, it is **ACAC98**.

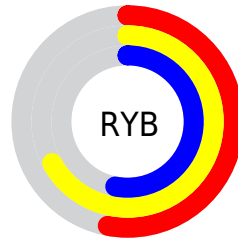
# Distribution



Red (67%)

Green (67%)

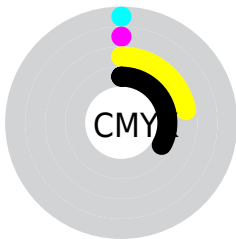
Blue (53%)



Red (53%)

Yellow (67%)

Blue (53%)

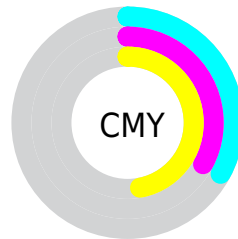


Cyan (0%)

Magenta (0%)

Yellow (22%)

Black (33%)



Cyan (33%)

Magenta (33%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACAC87 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 ACAC87 by changing the saturation by 10% instead.





ACAC87



ACAC87

FFFFFF



91916E



E4E3BC



777855



FFFFD8



5E5F3E



FFFFF5



464727



2F3112



1B1C00



000000



ACAC87



ACAC87



ACAC76



ACAC98

 ACAC65

 ACACA9

 ACAC53

 ACACBB

 ACAC42

 ACACCC

 ACAC31

 ACACDD

 ACAC20

 ACACEE

 ACAC0F

 ACACFF

 ACAC00

# Harmonies

## Analogous

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



BFA686



ACAC87



97B191

# Triad

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



ACAC87



7BB2C4



CA9EB2

# Complementary

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



ACAC87



8787AC

# 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.



BAA2C2



ACAC87



8BAECD

# Square

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



ACAC87



79B4B4



A3A8CC



D09D9F

# Rectangle

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



ACAC87



8AB39C



A3A8CC



C69FB8



# Sweetspot

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



ACAC87



E0E0D3



AC8787



707068



F0F0F0



707070



# Same Dimension

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



ACAC87



E0E0A6



9AAC87



57574E



969600



171700



# Inverse Universe

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



8787AC



A6A6E0



9A87AC



4E4E57



000096



000017



# Previews

## White Background



This preview shows how the Hex color ACAC87 looks on a white background.

## Color Contrast Check

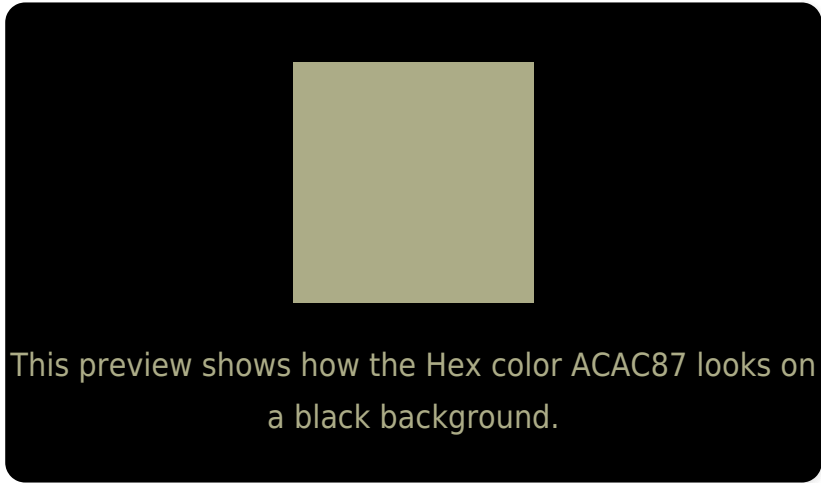
Large Text (above 18pt) WCAG AA × Fail

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

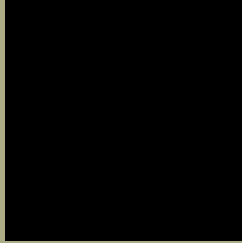
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

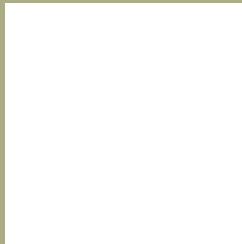
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ACAC87 Background



This preview shows how black text looks on a background with the Hex color ACAC87.



This preview shows how white text looks on a background with the Hex color ACAC87.

# 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**  
ACAC87

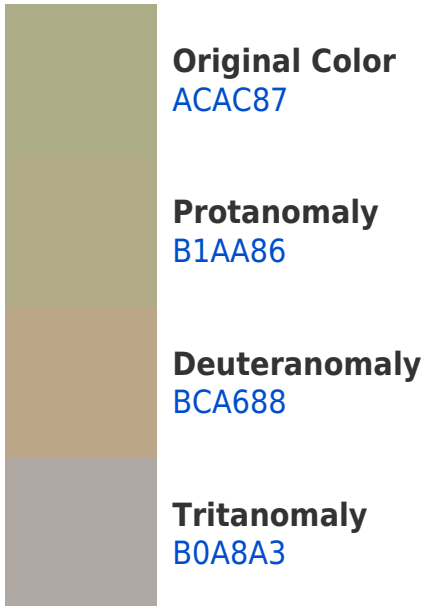
**Protanopia**  
B4A986

**Deuteranopia**  
C5A389



**Tritanopia**  
B2A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACAC87 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 #ACAC87 looks like.

```
.text, #text, p{  
    color:#ACAC87  
}
```

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 #ACAC87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACAC87
}
```

## Border

The CSS property to change the border of an element to Hex ACAC87 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
#ACAC87 }
```

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

```
.border{ border-color:#ACAC87 }
```

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

Here you see how a box with a 4 pixel #ACAC87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACAC87; -webkit-box-shadow:4px 4px  
4px 4px #ACAC87; box-shadow:4px 4px 4px  
4px #ACAC87 }
```

# Background

The CSS property to change the background color of an element to Hex ACAC87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACAC87 }
```

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

```
.background{ background-color:#ACAC87 }
```

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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