

# Converting Colors

Hex(ACAC90)

Have a look what the booklet for  
Hex(ACAC90) contains.

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# **Color**

**Hex(ACAC90)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACAC90
RGB	172, 172, 144
RGB Percent	67%, 67%, 56%
CMY	0.3255, 0.3255, 0.4353
CMYK	0.00, 0.00, 0.16, 0.33
HSL	60°, 14%, 62%
HSV	60°, 16%, 67%
XYZ	36.7998, 40.2893, 32.2226
YIQ	168.8080, 8.9880, -8.7080

# Conversions

## Conversions Part 2

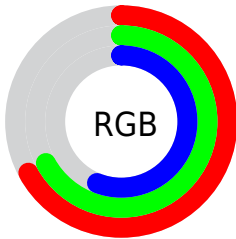
Format	Color
<a href="#">RYB</a>	<a href="#">144, 172, 144</a>
Decimal	<a href="#">11316368</a>
CIELab	<a href="#">69.68, -4.87, 14.44</a>
CIELCh	<a href="#">70, 15.234, 108.628</a>
Yxy	<a href="#">40.2893, 0.3367, 0.3686</a>
Android (android.graphics.Color)	<a href="#">4289506448</a> ( <a href="#">0xFFACAC90</a> )
YUV	<a href="#">168.8080, -12.2303, 2.7994</a>
Hunter-Lab	<a href="#">63.4739, -7.5915, 14.3330</a>

# Details

The Hex color **ACAC90** is a light color, and the websafe version is hex **999966**. A complement of this color would be **9090AC**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **E4E3C6**, and **78785E** is the 20% darker color. If you saturate the color by 10%, you get **ACAC7F**, and if you desaturate by 10%, it is **ACACA1**.

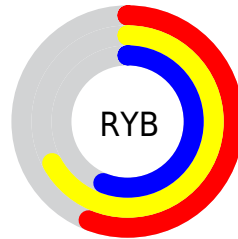
# Distribution



Red (67%)

Green (67%)

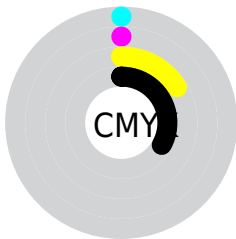
Blue (56%)



Red (56%)

Yellow (67%)

Blue (56%)

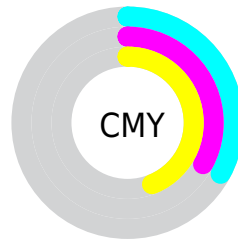


Cyan (0%)

Magenta (0%)

Yellow (16%)

Black (33%)



Cyan (33%)

Magenta (33%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACAC90 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 ACAC90 by changing the saturation by 10% instead.



 ACAC90

 ACAC90

FFFFFF

 919176

 E4E3C6

 78785E

 FFFFE2

 5F5F46

 47472F

 30311A

 1C1C00

 000000

 ACAC90

 ACAC90

 ACAC7F

 ACACA1

 ACAC6E

 ACACB2

 ACAC5C

 ACACC4

 ACAC4B

 ACACD5

 ACAC3A

 ACACE6

 ACAC29

 ACACF7

 ACAC18

 ACACFF

 ACAC06

 ACAC00

# Harmonies

## Analogous

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



BAA78F



ACAC90



9CB098

# Triad

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



ACAC90



89B1BE



C3A1B0

# Complementary

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



ACAC90



9090AC

# 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.



B7A4BD



ACAC90



95ADC5

# Square

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



ACAC90



87B2B2



A6A8C4



C8A1A2

# Rectangle

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



ACAC90



92B1A0



A6A8C4



C0A2B5



# Sweetspot

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



ACAC90



E0E0D5



AC9090



707069



F0F0F0



707070



# Same Dimension

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



ACAC90



E0E0B4



9EAC90



57574E



969600



171700



# Inverse Universe

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



9090AC



B4B4E0



9E90AC



4E4E57



000096



000017



# Previews

## White Background



This preview shows how the Hex color ACAC90 looks on a white background.

## Color Contrast Check

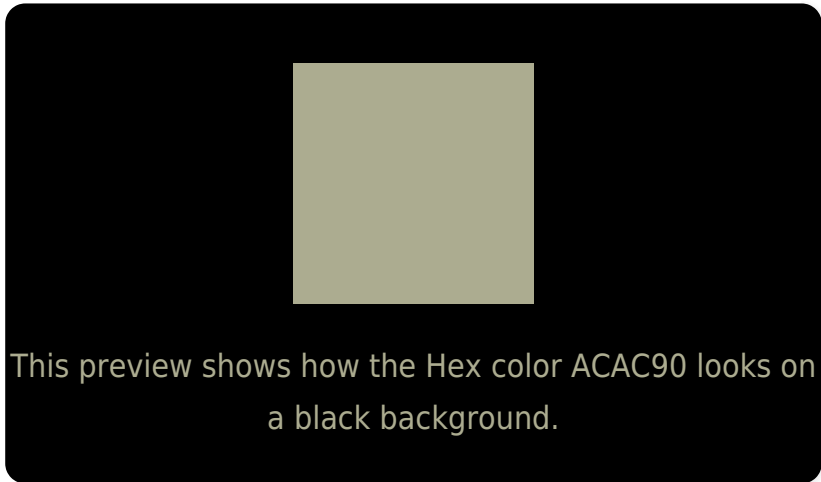
Large Text (above 18pt) WCAG AA × Fail

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

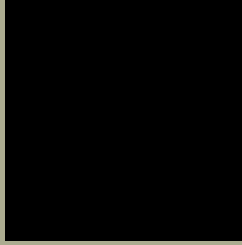
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

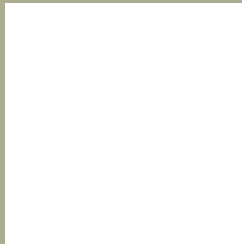
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ACAC90 Background



This preview shows how black text looks on a background with the Hex color ACAC90.



This preview shows how white text looks on a background with the Hex color ACAC90.

# 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**  
ACAC90

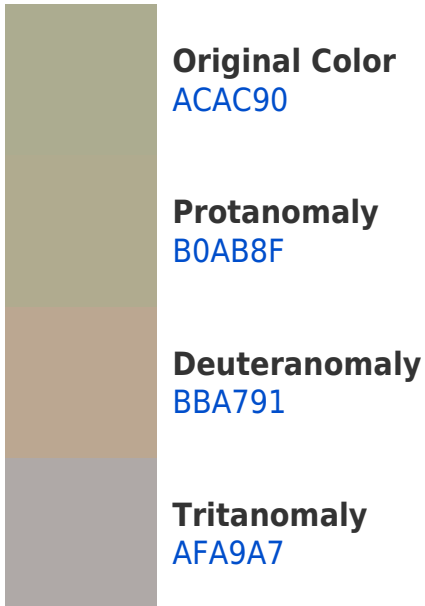
**Protanopia**  
B3AA8F

**Deuteranopia**  
C3A492

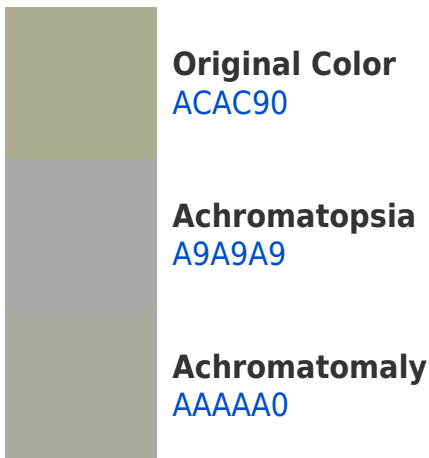


**Tritanopia**  
B1A7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACAC90 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 #ACAC90 looks like.

```
.text, #text, p{  
    color:#ACAC90  
}
```

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 #ACAC90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACAC90
}
```

## Border

The CSS property to change the border of an element to Hex ACAC90 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
#ACAC90 }
```

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

```
.border{ border-color:#ACAC90 }
```

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

Here you see how a box with a 4 pixel #ACAC90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACAC90; -webkit-box-shadow:4px 4px  
4px 4px #ACAC90; box-shadow:4px 4px 4px  
4px #ACAC90 }
```

# Background

The CSS property to change the background color of an element to Hex ACAC90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACAC90 }
```

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

```
.background{ background-color:#ACAC90 }
```

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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