

# Converting Colors

Hex(AC996A)

Have a look what the booklet for  
Hex(AC996A) contains.

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# **Color**

**Hex(AC996A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AC996A
RGB	172, 153, 106
RGB Percent	67%, 60%, 42%
CMY	0.3255, 0.4000, 0.5843
CMYK	0.00, 0.11, 0.38, 0.33
HSL	43°, 28%, 55%
HSV	43°, 38%, 67%
XYZ	31.0060, 32.5937, 18.2927
YIQ	153.3230, 26.4110, -10.5890

# Conversions

## Conversions Part 2

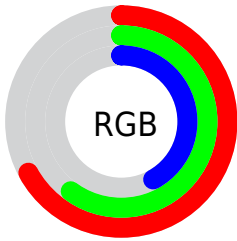
Format	Color
<a href="#">RYB</a>	<a href="#">133, 172, 106</a>
Decimal	<a href="#">11311466</a>
CIELab	<a href="#">63.83, 0.10, 27.28</a>
CIELCh	<a href="#">64, 27.281, 89.793</a>
Yxy	<a href="#">32.5937, 0.3786, 0.3980</a>
Android (android.graphics.Color)	<a href="#">4289501546</a> ( <a href="#">0xFFAC996A</a> )
YUV	<a href="#">153.3230, -23.3302, 16.3797</a>
Hunter-Lab	<a href="#">57.0909, -2.9660, 20.9663</a>

# Details

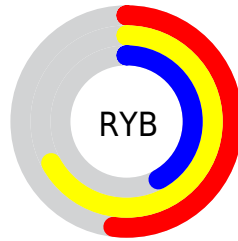
The Hex color **AC996A** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6A7DAC**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **E4CF9E**, and **76663A** is the 20% darker color. If you saturate the color by 10%, you get **AC9459**, and if you desaturate by 10%, it is **AC9E7B**.

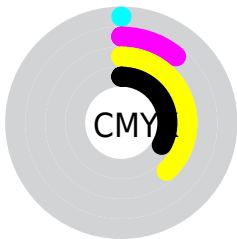
# Distribution



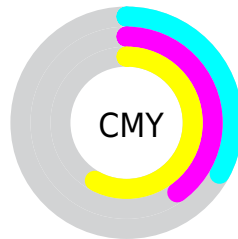
- Red (67%)
- Green (60%)
- Blue (42%)



- Red (52%)
- Yellow (67%)
- Blue (42%)



- Cyan (0%)
- Magenta (11%)
- Yellow (38%)
- Black (33%)



- Cyan (33%)
- Magenta (40%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC996A 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 AC996A by changing the saturation by 10% instead.



 AC996A

 AC996A

FFFFFF

 917F51

 E4CF9E

 76663A

 FFEBB9

 5D4E23

 FFFFD5

 44380D

 FFFFF1

 2D2200

 130D00

 000000

 AC996A

 AC996A

 AC9459

 AC9E7B

■ AC8F48

■ ACA38C

■ AC8A36

■ ACA89E

■ AC8525

■ ACADAF

■ AC8014

■ ACB2C0

■ AC7B03

■ ACB7D1

■ AC7A00

■ ACBCE2

■ ACC1F4

■ ACC6FF

# Harmonies

## Analogous

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



C09171



AC996A



92A070

# Triad

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



AC996A



4DA7B2



BA8DB3

# Complementary

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



AC996A



6A7DAC

# 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.



9E94C5



AC996A



5AA4C4

# Square

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



AC996A



5CA89A



7B9DCB



C9899C

# Rectangle

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



AC996A



7FA47B



7B9DCB



B28FBA



# Sweetspot

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



AC996A



E0D9C5



AC6A7E



706C60



F0F0F0



707070



# Same Dimension

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



AC996A



E0C379



9FAC6A



57544E



966B00



171000



# Inverse Universe

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



6A7DAC



7997E0



776AAC



4E5157



002B96



000717



# Previews

## White Background



This preview shows how the Hex color AC996A looks on a white background.

## Color Contrast Check

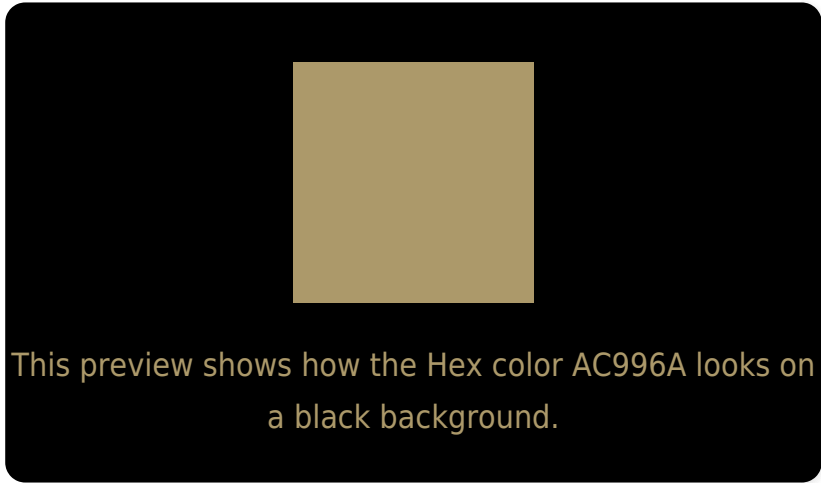
Large Text (above 18pt) WCAG AA × Fail

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

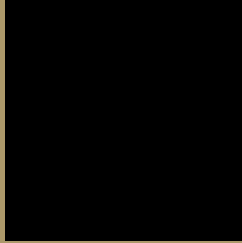
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AC996A Background



This preview shows how black text looks on a background with the Hex color AC996A.



This preview shows how white text looks on a background with the Hex color AC996A.

# 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**  
AC996A

**Protanopia**  
A79B6B

**Deuteranopia**  
B9946B



**Tritanopia**  
B2929E

# Trichromacy



**Original Color**  
AC996A

**Protanomaly**  
A99A6B

**Deuteranomaly**  
B4966B

**Tritanomaly**  
B0958B

# Monochromacy



**Original Color**  
AC996A

**Achromatopsia**  
999999

**Achromatomaly**  
A09988

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC996A 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 #AC996A looks like.

```
.text, #text, p{  
    color:#AC996A  
}
```

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 #AC996A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC996A
}
```

## Border

The CSS property to change the border of an element to Hex AC996A 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
#AC996A }
```

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

```
.border{ border-color:#AC996A }
```

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

Here you see how a box with a 4 pixel #AC996A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC996A; -webkit-box-shadow:4px 4px  
4px 4px #AC996A; box-shadow:4px 4px 4px  
4px #AC996A }
```

# Background

The CSS property to change the background color of an element to Hex AC996A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC996A }
```

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

```
.background{ background-color:#AC996A }
```

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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