

# Converting Colors

Hex(AC9772)

Have a look what the booklet for  
Hex(AC9772) contains.

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# **Color**

**Hex(AC9772)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AC9772
RGB	172, 151, 114
RGB Percent	67%, 59%, 45%
CMY	0.3255, 0.4078, 0.5529
CMYK	0.00, 0.12, 0.34, 0.33
HSL	38°, 26%, 56%
HSV	38°, 34%, 67%
XYZ	31.1171, 32.1188, 20.4791
YIQ	153.0610, 24.3930, -7.0550

# Conversions

## Conversions Part 2

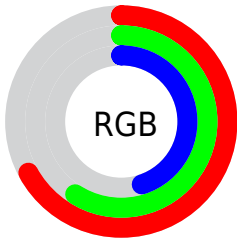
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">147, 172, 114</a>
Decimal	<a href="#">11310962</a>
CIELab	<a href="#">63.44, 2.19, 22.38</a>
CIELCh	<a href="#">63, 22.484, 84.413</a>
Yxy	<a href="#">32.1188, 0.3717, 0.3837</a>
Android (android.graphics.Color)	<a href="#">4289501042 (0xFFAC9772)</a>
YUV	<a href="#">153.0610, -19.2571, 16.6095</a>
Hunter-Lab	<a href="#">56.6734, -1.1712, 18.2468</a>

# Details

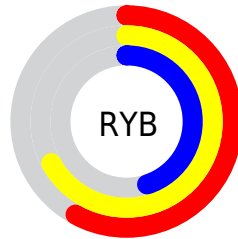
The Hex color **AC9772** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7287AC**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **E4CDA6**, and **776442** is the 20% darker color. If you saturate the color by 10%, you get **AC9161**, and if you desaturate by 10%, it is **AC9D83**.

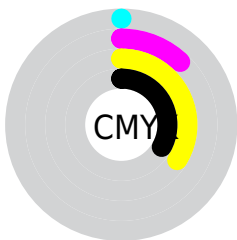
# Distribution



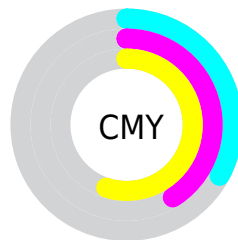
- Red (67%)
- Green (59%)
- Blue (45%)



- Red (58%)
- Yellow (67%)
- Blue (45%)



- Cyan (0%)
- Magenta (12%)
- Yellow (34%)
- Black (33%)



- Cyan (33%)
- Magenta (41%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC9772 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 AC9772 by changing the saturation by 10% instead.



 AC9772

 AC9772

FFFFFF

 917D59

 E4CDA6

 776442

 FFE9C1

 5D4C2B

 FFFFDD

 453616

 FFFFFA

 2E2100

 150A00

 000000

 AC9772

 AC9772

 AC9161

 AC9D83

■ AC8B50

■ ACA394

■ AC843E

■ ACAA6

■ AC7E2D

■ ACB0B7

■ AC781C

■ ACB6C8

■ AC720B

■ ACBCD9

■ AC6E00

■ ACC3EA

■ ACC9FC

■ ACCFFF

# Harmonies

## Analogous

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



BC907A



AC9772



979D75

# Triad

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



AC9772



60A5A9



B08FB1

# Complementary

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



AC9772



7287AC

# 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.



9896BE



AC9772



66A2B9

# Square

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



AC9772



6BA595



7C9DC1



BF8B9E

# Rectangle

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



AC9772



88A17D



7C9DC1



A991B6



# Sweetspot

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



AC9772



E0D8CA



AC7287



706B63



F0F0F0



707070



# Same Dimension

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



AC9772



E0C087



A4AC72



57544E



966000



170F00



# Inverse Universe

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



7287AC



87A7E0



7A72AC



4E5157



003696

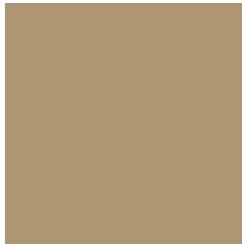


000817



# Previews

## White Background



This preview shows how the Hex color AC9772 looks on a white background.

## Color Contrast Check

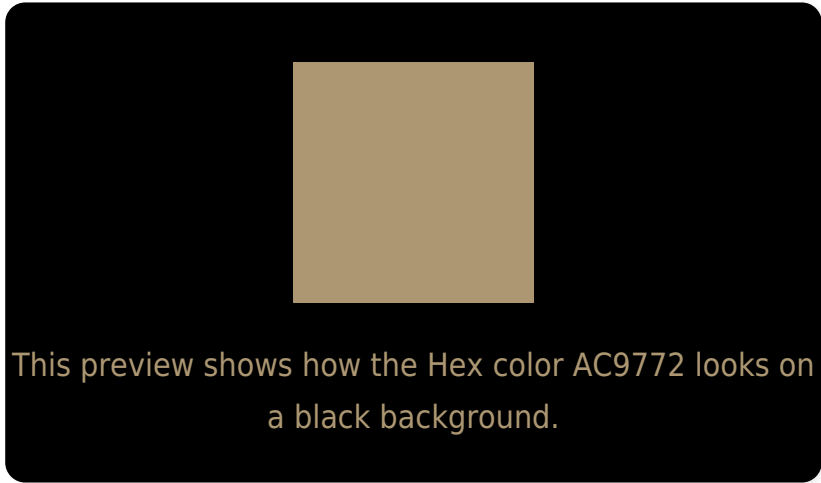
Large Text (above 18pt) WCAG AA × Fail

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

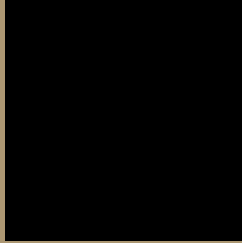
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AC9772 Background



This preview shows how black text looks on a background with the Hex color AC9772.

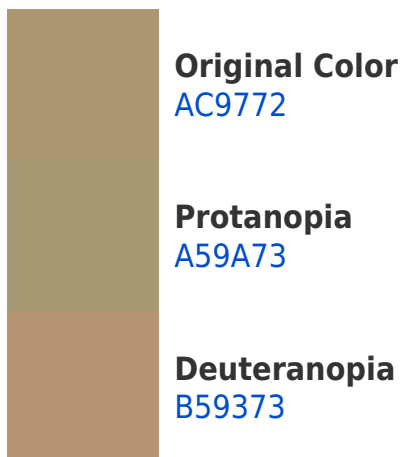



This preview shows how white text looks on a background with the Hex color AC9772.

# 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**  
B1919D

# Trichromacy



**Original Color**  
AC9772

**Protanomaly**  
A89973

**Deuteranomaly**  
B29473

**Tritanomaly**  
AF938D

# Monochromacy



**Original Color**  
AC9772

**Achromatopsia**  
999999

**Achromatomaly**  
A0988B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC9772 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 #AC9772 looks like.

```
.text, #text, p{  
    color:#AC9772  
}
```

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 #AC9772 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC9772
}
```

## Border

The CSS property to change the border of an element to Hex AC9772 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
#AC9772 }
```

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

```
.border{ border-color:#AC9772 }
```

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

Here you see how a box with a 4 pixel #AC9772 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC9772; -webkit-box-shadow:4px 4px  
4px 4px #AC9772; box-shadow:4px 4px 4px  
4px #AC9772 }
```

# Background

The CSS property to change the background color of an element to Hex AC9772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC9772 }
```

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

```
.background{ background-color:#AC9772 }
```

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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