

# Converting Colors

Hex(AC9781)

Have a look what the booklet for  
Hex(AC9781) contains.

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# **Color**

**Hex(AC9781)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC9781
RGB	172, 151, 129
RGB Percent	67%, 59%, 51%
CMY	0.3255, 0.4078, 0.4941
CMYK	0.00, 0.12, 0.25, 0.33
HSL	31°, 21%, 59%
HSV	31°, 25%, 67%
XYZ	32.0423, 32.4889, 25.3510
YIQ	154.7710, 19.5780, -2.3900

# Conversions

## Conversions Part 2

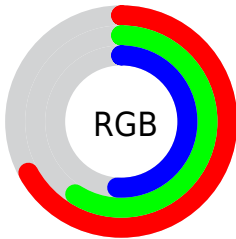
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">170, 172, 129</a>
Decimal	<a href="#">11310977</a>
CIELab	<a href="#">63.74, 4.26, 14.45</a>
CIELCh	<a href="#">64, 15.067, 73.574</a>
Yxy	<a href="#">32.4889, 0.3565, 0.3615</a>
Android (android.graphics.Color)	<a href="#">4289501057 (0xFFAC9781)</a>
YUV	<a href="#">154.7710, -12.7051, 15.1098</a>
Hunter-Lab	<a href="#">56.9990, 0.5966, 13.5293</a>

# Details

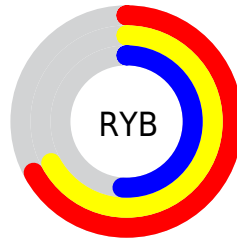
The Hex color **AC9781** is a light color, and the websafe version is hex **999999**. A complement of this color would be **8196AC**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **E4CDB6**, and **776450** is the 20% darker color. If you saturate the color by 10%, you get **AC8F70**, and if you desaturate by 10%, it is **AC9F92**.

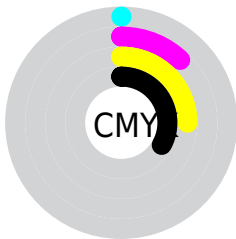
# Distribution



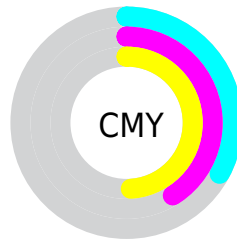
- Red (67%)
- Green (59%)
- Blue (51%)



- Red (67%)
- Yellow (67%)
- Blue (51%)



- Cyan (0%)
- Magenta (12%)
- Yellow (25%)
- Black (33%)



- Cyan (33%)
- Magenta (41%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC9781 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 AC9781 by changing the saturation by 10% instead.



 AC9781

 AC9781

FFFFFF

 917D68

 E4CDB6

 776450

 FFE9D2

 5E4C39

 FFFFEE

 463623

 2F200E

 190A00

 000000

 AC9781

 AC9781

 AC8F70

 AC9F92

 AC865F

 ACA8A3

 AC7E4D

 ACB0B5

 AC753C

 ACB9C6

 AC6D2B

 ACC1D7

 AC651A

 ACC9E8

 AC5C09

 ACD2F9

 AC5800

 ACDAFF

 ACE3FF

# Harmonies

## Analogous

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



B59388



AC9781



9F9B80

# Triad

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



AC9781



78A2A0



A495AE

# Complementary

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



AC9781



8196AC

# 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.



9399B4



AC9781



78A1AC

# Square

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



AC9781



81A292



839EB4



B192A2

# Rectangle

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



AC9781



949E84



839EB4



9F96B1



# Sweetspot

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



AC9781



E0D8CE



AC8197



706B65



F0F0F0



707070



# Same Dimension

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



AC9781



E0C09D



ACAC81



57524E



964D00



170C00



# Inverse Universe

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



8196AC



9DBEE0



8181AC



4E5257



004996



000B17



# Previews

## White Background



This preview shows how the Hex color AC9781 looks on a white background.

## Color Contrast Check

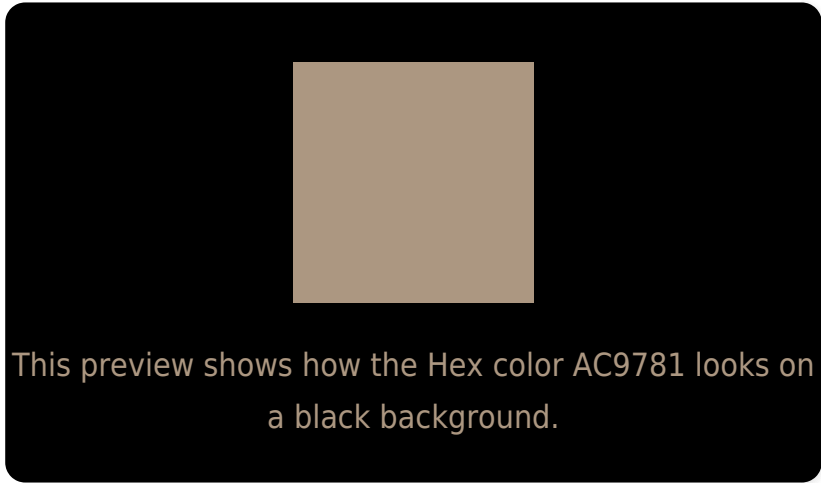
Large Text (above 18pt) WCAG AA × Fail

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

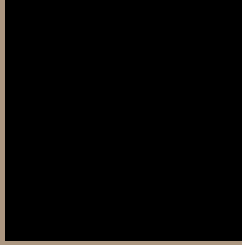
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

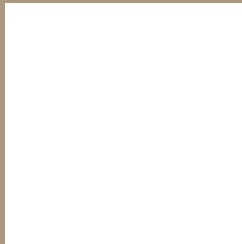
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AC9781 Background



This preview shows how black text looks on a background with the Hex color AC9781.



This preview shows how white text looks on a background with the Hex color AC9781.

# 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**  
AC9781

**Protanopia**  
A39A83

**Deuteranopia**  
B29581



**Tritanopia**  
B0939E

# Trichromacy



**Original Color**  
AC9781

**Protanomaly**  
A69982

**Deuteranomaly**  
B09681

**Tritanomaly**  
AF9493

# Monochromacy



**Original Color**  
AC9781

**Achromatopsia**  
9B9B9B

**Achromatomaly**  
A19A92

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC9781 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 #AC9781 looks like.

```
.text, #text, p{  
    color:#AC9781  
}
```

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 #AC9781 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC9781
}
```

## Border

The CSS property to change the border of an element to Hex AC9781 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
#AC9781 }
```

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

```
.border{ border-color:#AC9781 }
```

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

Here you see how a box with a 4 pixel #AC9781 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC9781; -webkit-box-shadow:4px 4px  
4px 4px #AC9781; box-shadow:4px 4px 4px  
4px #AC9781 }
```

# Background

The CSS property to change the background color of an element to Hex AC9781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC9781 }
```

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

```
.background{ background-color:#AC9781 }
```

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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