

# Converting Colors

Hex(AB9882)

Have a look what the booklet for  
Hex(AB9882) contains.

<b>Hex(AB9882)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(AB9882)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AB9882
RGB	171, 152, 130
RGB Percent	67%, 60%, 51%
CMY	0.3294, 0.4039, 0.4902
CMYK	0.00, 0.11, 0.24, 0.33
HSL	32°, 20%, 59%
HSV	32°, 24%, 67%
XYZ	32.0521, 32.7261, 25.7465
YIQ	155.1730, 18.3860, -2.8140

# Conversions

## Conversions Part 2

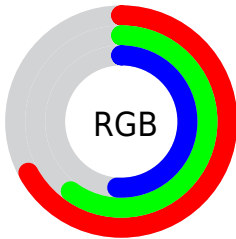
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">165, 171, 130</a>
Decimal	<a href="#">11245698</a>
CIELab	<a href="#">63.94, 3.46, 14.15</a>
CIELCh	<a href="#">64, 14.567, 76.253</a>
Yxy	<a href="#">32.7261, 0.3541, 0.3615</a>
Android (android.graphics.Color)	<a href="#">4289435778</a> ( <a href="#">0xFFAB9882</a> )
YUV	<a href="#">155.1730, -12.4103, 13.8803</a>
Hunter-Lab	<a href="#">57.2067, -0.1009, 13.3606</a>

# Details

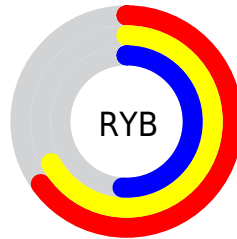
The Hex color **AB9882** is a light color, and the websafe version is hex **999999**. A complement of this color would be **8295AB**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **E3CEB7**, and **766551** is the 20% darker color. If you saturate the color by 10%, you get **AB9071**, and if you desaturate by 10%, it is **ABA093**.

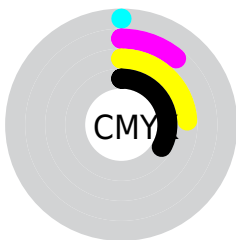
# Distribution



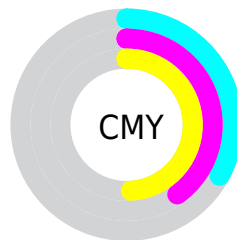
- Red (67%)
- Green (60%)
- Blue (51%)



- Red (65%)
- Yellow (67%)
- Blue (51%)



- Cyan (0%)
- Magenta (11%)
- Yellow (24%)
- Black (33%)



- Cyan (33%)
- Magenta (40%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB9882 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 AB9882 by changing the saturation by 10% instead.





AB9882



AB9882

FFFFFF



907E69



E3CEB7



766551



FFEAD3



5D4D3A



FFFFEF



453724



2E210F



190B00



000000



AB9882



AB9882



AB9071



ABA093

 AB8860

 ABA8A4

 AB804F

 ABB0B5

 AB783E

 ABB8C6

 AB702C

 ABC0D7

 AB681B

 ABC8E9

 AB610A

 ABCFFA

 AB5C00

 ABD7FF

 ABDFFF

# Harmonies

## Analogous

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



B49489



AB9882



9E9C82

# Triad

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



AB9882



7AA3A2



A695AD

# Complementary

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



AB9882



8295AB

# 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.



969AB4



AB9882



7BA1AD

# Square

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



AB9882



81A294



869EB4



B293A1

# Rectangle

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



AB9882



949F86



869EB4



A197B0



# Sweetspot

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



AB9882



DED7CE



AB8295



706C67



F0F0F0



707070



# Same Dimension

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



AB9882



DEC09E



AAAB82



57534E



965100



170C00



# Inverse Universe

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



8295AB



9EBBDE



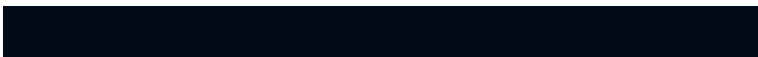
8382AB



4E5257



004696

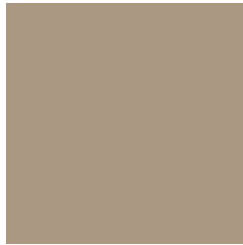


000B17



# Previews

## White Background



This preview shows how the Hex color AB9882 looks on a white background.

## Color Contrast Check

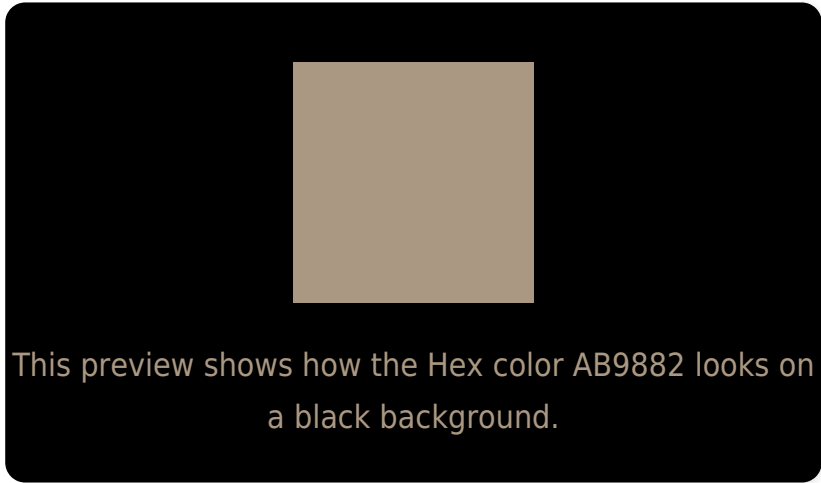
Large Text (above 18pt) WCAG AA × Fail

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

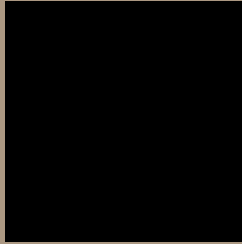
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AB9882 Background



This preview shows how black text looks on a background with the Hex color AB9882.

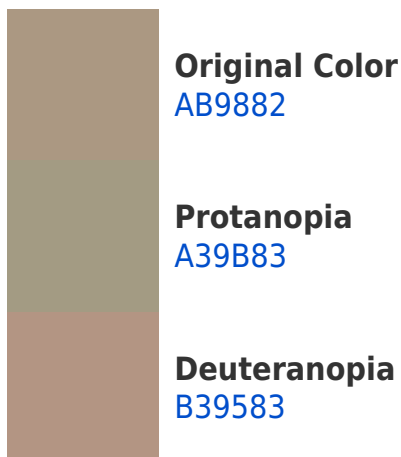


This preview shows how white text looks on a background with the Hex color AB9882.

# 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**  
AF949F

# Trichromacy



**Original Color**  
AB9882

**Protanomaly**  
A69A83

**Deuteranomaly**  
B09683

**Tritanomaly**  
AE9594

# Monochromacy



**Original Color**  
AB9882

**Achromatopsia**  
9B9B9B

**Achromatomaly**  
A19A92

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB9882 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 #AB9882 looks like.

```
.text, #text, p{  
    color:#AB9882  
}
```

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 #AB9882 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB9882
}
```

## Border

The CSS property to change the border of an element to Hex AB9882 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
#AB9882 }
```

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

```
.border{ border-color:#AB9882 }
```

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

Here you see how a box with a 4 pixel #AB9882 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB9882; -webkit-box-shadow:4px 4px  
4px 4px #AB9882; box-shadow:4px 4px 4px  
4px #AB9882 }
```

# Background

The CSS property to change the background color of an element to Hex AB9882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB9882 }
```

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

```
.background{ background-color:#AB9882 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor