

# Converting Colors

Hex(AB9777)

Have a look what the booklet for  
Hex(AB9777) contains.

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**Color**

**Hex(AB9777)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB9777
RGB	171, 151, 119
RGB Percent	67%, 59%, 47%
CMY	0.3294, 0.4078, 0.5333
CMYK	0.00, 0.12, 0.30, 0.33
HSL	37°, 24%, 57%
HSV	37°, 30%, 67%
XYZ	31.1910, 32.1231, 22.0092
YIQ	153.3320, 22.1920, -5.7120

# Conversions

## Conversions Part 2

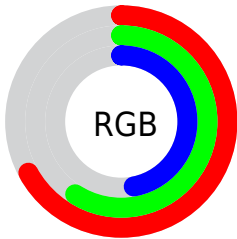
Format	Color
<a href="#">RYB</a>	<a href="#">152, 171, 119</a>
Decimal	<a href="#">11245431</a>
CIELab	<a href="#">63.44, 2.45, 19.60</a>
CIElCh	<a href="#">63, 19.750, 82.885</a>
Yxy	<a href="#">32.1231, 0.3656, 0.3765</a>
Android (android.graphics.Color)	<a href="#">4289435511 (0xFFAB9777)</a>
YUV	<a href="#">153.3320, -16.9257, 15.4948</a>
Hunter-Lab	<a href="#">56.6772, -0.9518, 16.6502</a>

# Details

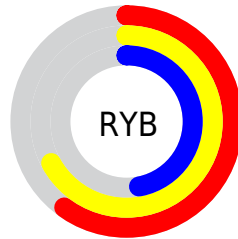
The Hex color **AB9777** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **778BAB**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **E3CDAB**, and **766446** is the 20% darker color. If you saturate the color by 10%, you get **AB9066**, and if you desaturate by 10%, it is **AB9E88**.

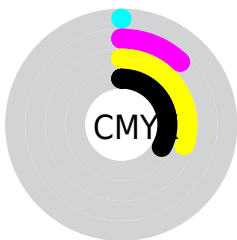
# Distribution



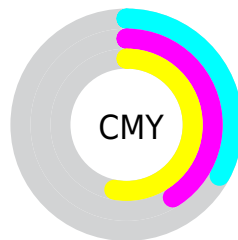
- Red (67%)
- Green (59%)
- Blue (47%)



- Red (60%)
- Yellow (67%)
- Blue (47%)



- Cyan (0%)
- Magenta (12%)
- Yellow (30%)
- Black (33%)



- Cyan (33%)
- Magenta (41%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB9777 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 AB9777 by changing the saturation by 10% instead.



 AB9777

 AB9777

FFFFFF

 907D5E

 E3CDAB

 766446

 FFE9C7

 5D4C30

 FFFFE3

 44361A

 2E2101

 160A00

 000000

 AB9777

 AB9777

 AB9066

 AB9E88

 AB8A55

 ABA499

 AB8344

 ABABAA

 AB7D33

 ABB1BB

 AB7621

 ABB8CC

 AB7010

 ABBEDE

 AB6900

 ABC5EF

 ABCCFF

 ABD2FF

# Harmonies

## Analogous

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



B8917E



AB9777



999D79

# Triad

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



AB9777



69A3A7



AC91AF

# Complementary

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



AB9777



778BAB

# 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.



9797BA



AB9777



6DA1B5

# Square

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



AB9777



73A395



809CBC



BA8D9F

# Rectangle

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



AB9777



8BA07F



809CBC



A693B3



# Sweetspot

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



AB9777



DED6CA



AB778C



706B64



F0F0F0



707070



# Same Dimension

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



AB9777



DEBF8E



A6AB77



57534E



965D00



170E00



# Inverse Universe

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



778BAB



8EADDE



7C77AB



4E5157



003A96



000917



# Previews

## White Background



This preview shows how the Hex color AB9777 looks on a white background.

## Color Contrast Check

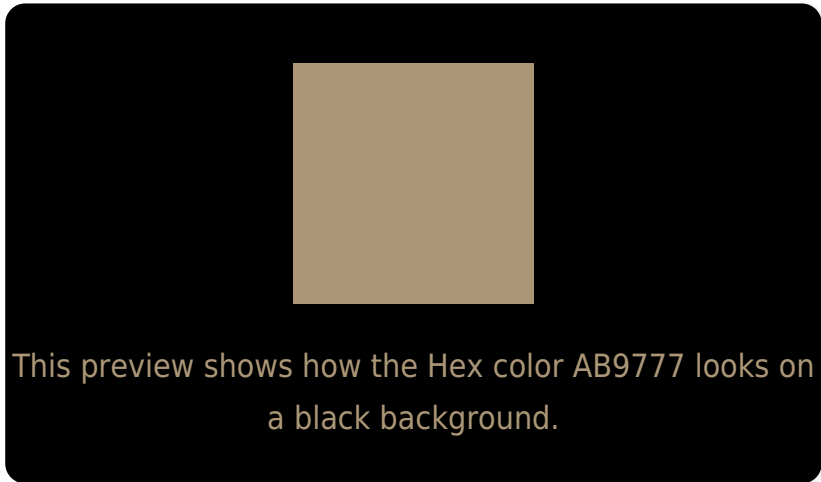
Large Text (above 18pt) WCAG AA × Fail

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

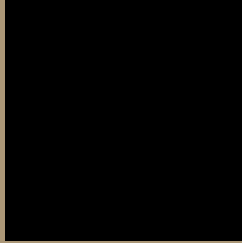
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AB9777 Background



This preview shows how black text looks on a background with the Hex color AB9777.

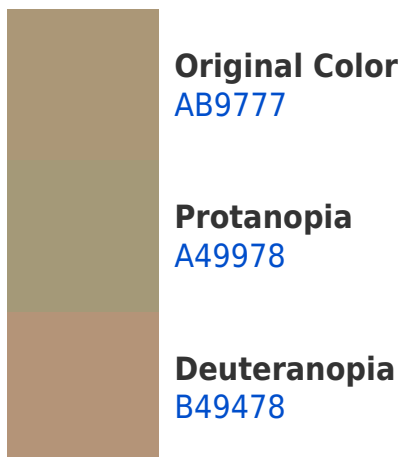



This preview shows how white text looks on a background with the Hex color AB9777.

# 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**  
AF929D

# Trichromacy



**Original Color**  
AB9777

**Protanomaly**  
A79878

**Deuteranomaly**  
B19578

**Tritanomaly**  
AE948F

# Monochromacy



**Original Color**  
AB9777

**Achromatopsia**  
999999

**Achromatomaly**  
A0988D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB9777 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 #AB9777 looks like.

```
.text, #text, p{  
    color:#AB9777  
}
```

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 #AB9777 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB9777
}
```

## Border

The CSS property to change the border of an element to Hex AB9777 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
#AB9777 }
```

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

```
.border{ border-color:#AB9777 }
```

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

Here you see how a box with a 4 pixel #AB9777 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB9777; -webkit-box-shadow:4px 4px  
4px 4px #AB9777; box-shadow:4px 4px 4px  
4px #AB9777 }
```

# Background

The CSS property to change the background color of an element to Hex AB9777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB9777 }
```

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

```
.background{ background-color:#AB9777 }
```

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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