

Converting Colors

Hex(AB9A78)

Have a look what the booklet for
Hex(AB9A78) contains.

Hex(AB9A78)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AB9A78)

Conversions

Conversions Part 1

Format	Color
Hex	AB9A78
RGB	171, 154, 120
RGB Percent	67%, 60%, 47%
CMY	0.3294, 0.3961, 0.5294
CMYK	0.00, 0.10, 0.30, 0.33
HSL	40°, 23%, 57%
HSV	40°, 30%, 67%
XYZ	31.7404, 33.1252, 22.4902
YIQ	155.2070, 21.0460, -6.9700

Conversions

Conversions Part 2

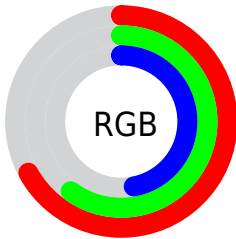
Format	Color
RYB	146, 171, 120
Decimal	11246200
CIELab	64.26, 0.93, 20.16
CIElCh	64, 20.180, 87.346
Yxy	33.1252, 0.3633, 0.3792
Android (android.graphics.Color)	4289436280 (0xFFAB9A78)
YUV	155.2070, -17.3571, 13.8505
Hunter-Lab	57.5545, -2.2806, 17.1198

Details

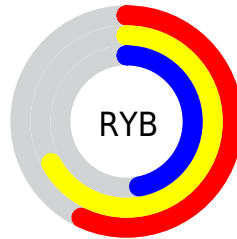
The Hex color **AB9A78** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7889AB**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **E3D0AC**, and **766747** is the 20% darker color. If you saturate the color by 10%, you get **AB9467**, and if you desaturate by 10%, it is **ABA089**.

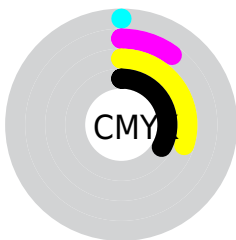
Distribution



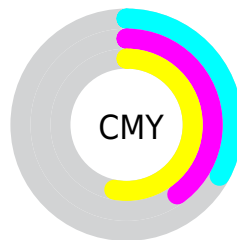
- Red (67%)
- Green (60%)
- Blue (47%)



- Red (57%)
- Yellow (67%)
- Blue (47%)



- Cyan (0%)
- Magenta (10%)
- Yellow (30%)
- Black (33%)



- Cyan (33%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB9A78 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 AB9A78 by changing the saturation by 10% instead.



AB9A78



AB9A78

FFFFFF



90805F



E3D0AC



766747



FFEDC8



5D4F30



FFFFE4



44381B



2E2302



160E00



000000



AB9A78



AB9A78



AB9467



ABA089

 AB8F56

 ABA59A

 AB8945

 ABABAB

 AB8334

 ABB1BC

 AB7D23

 ABB6CD

 AB7811

 ABBCDF

 AB7200

 ABC2F0

 ABC8FF

 ABCDFE

Harmonies

Analogous

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



BA947E



AB9A78



98A07C

Triad

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



AB9A78



69A6AC



B292AF

Complementary

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



AB9A78



7889AB

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.



9D98BC



AB9A78



70A3B9

Square

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



AB9A78



72A699



849EBF



BE8F9E

Rectangle

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



AB9A78



8AA383



849EBF



AB94B4

Sweetspot

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



AB9A78



DED7CA



AB7889



706C64



F0F0F0



707070

Same Dimension

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



AB9A78



DEC38E



A2AB78



57544E



966400



170F00

Inverse Universe

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



7889AB



8EA9DE



8078AB



4E5157



003296



000817

Previews

White Background



This preview shows how the Hex color AB9A78 looks on a white background.

Color Contrast Check

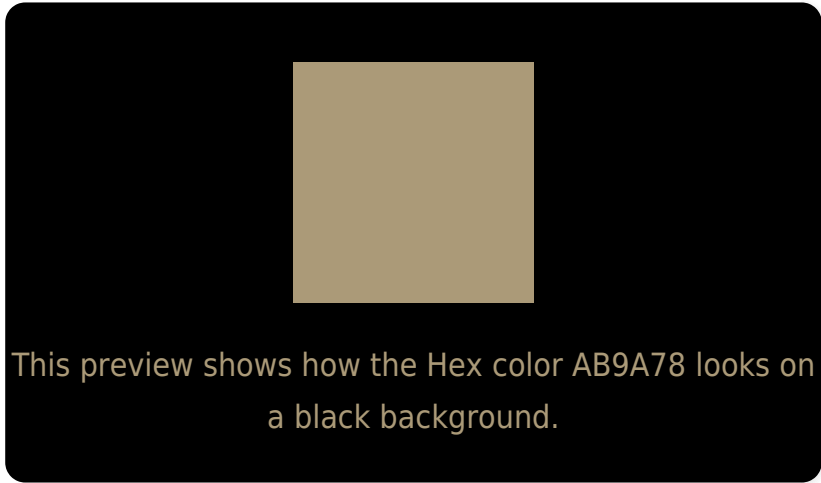
Large Text (above 18pt) WCAG AA × Fail

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

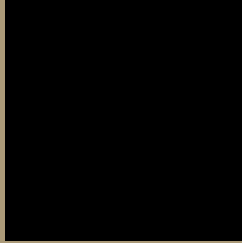
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

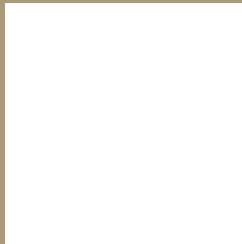
Any Text WCAG AAA ✓ Pass

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

Hex AB9A78 Background



This preview shows how black text looks on a background with the Hex color AB9A78.



This preview shows how white text looks on a background with the Hex color AB9A78.

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
AB9A78

Protanopia
A69C79

Deuteranopia
B79679



Tritanopia
B095A0

Trichromacy



Original Color
AB9A78

Protanomaly
A89B79

Deuteranomaly
B39779

Tritanomaly
AE9791

Monochromacy



Original Color
AB9A78

Achromatopsia
9B9B9B

Achromatomaly
A19B8E

CSS Examples

Text

The CSS property to change the color of the text to Hex AB9A78 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 #AB9A78 looks like.

```
.text, #text, p{  
    color:#AB9A78  
}
```

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 #AB9A78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB9A78
}
```

Border

The CSS property to change the border of an element to Hex AB9A78 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
#AB9A78 }
```

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

```
.border{ border-color:#AB9A78 }
```

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

Here you see how a box with a 4 pixel #AB9A78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB9A78; -webkit-box-shadow:4px 4px  
4px 4px #AB9A78; box-shadow:4px 4px 4px  
4px #AB9A78 }
```

Background

The CSS property to change the background color of an element to Hex AB9A78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB9A78 }
```

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

```
.background{ background-color:#AB9A78 }
```

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