

# Converting Colors

Hex(AB8B57)

Have a look what the booklet for  
Hex(AB8B57) contains.

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**Color**

**Hex(AB8B57)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB8B57
RGB	171, 139, 87
RGB Percent	67%, 55%, 34%
CMY	0.3294, 0.4549, 0.6588
CMYK	0.00, 0.19, 0.49, 0.33
HSL	37°, 33%, 51%
HSV	37°, 49%, 67%
XYZ	27.7475, 27.8113, 12.9225
YIQ	142.6400, 35.7640, -9.3880

# Conversions

## Conversions Part 2

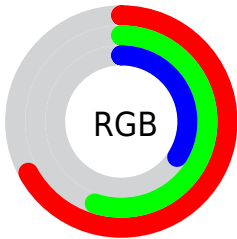
<b>Format</b>	<b>Color</b>
<b>RYB</b>	139, 171, 87
Decimal	11242327
CIELab	59.72, 5.32, 32.26
CIELCh	60, 32.698, 80.637
Yxy	27.8113, 0.4052, 0.4061
Android (android.graphics.Color)	4289432407 (0xFFAB8B57)
YUV	142.6400, -27.4305, 24.8717
Hunter-Lab	52.7364, 1.6299, 22.3871

# Details

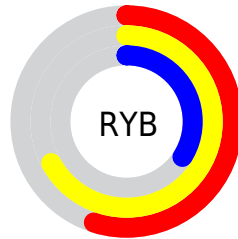
The Hex color **AB8B57** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **5777AB**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **E4C08A**, and **755928** is the 20% darker color. If you saturate the color by 10%, you get **AB8446**, and if you desaturate by 10%, it is **AB9268**.

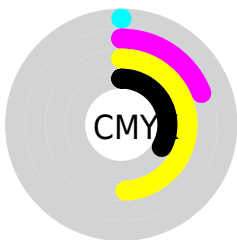
# Distribution



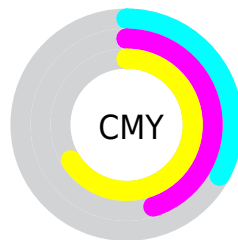
- Red (67%)
- Green (55%)
- Blue (34%)



- Red (55%)
- Yellow (67%)
- Blue (34%)



- Cyan (0%)
- Magenta (19%)
- Yellow (49%)
- Black (33%)



- Cyan (33%)
- Magenta (45%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB8B57 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 AB8B57 by changing the saturation by 10% instead.



 AB8B57

 AB8B57

FFFFFF

 8F723F

 E4C08A

 755928

 FFDC44

 5A4211

 FFF9C0

 422C00

 FFFFDC

 291800

 FFFFF8

 0B0000

 000000

 AB8B57

 AB8B57

 AB8446

 AB9268

■ AB7E35

■ AB9879

■ AB7724

■ AB9F8A

■ AB7113

■ ABA59B

■ AB6A01

■ ABACAC

■ AB6A00

■ ABB2BE

■ ABB9CF

■ ABBFE0

■ ABC6F1

# Harmonies

## Analogous

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



BF8165



AB8B57



8F9459

# Triad

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



AB8B57



219FA3



AB81B5

# Complementary

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



AB8B57



5777AB

# 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.



868CC6



AB8B57



269CBB

# Square

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



AB8B57



499F86



5795C8



C27A9A

# Rectangle

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



AB8B57



799963



5795C8



A085BC



# Sweetspot

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



AB8B57



DED1BD



AB5777



70695C



F0F0F0



707070



# Same Dimension

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



AB8B57



DEAC5B



A1AB57



57534E



965D00



170E00



# Inverse Universe

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



5777AB



5B8DDE



6157AB



4E5157



003996



000917



# Previews

## White Background



This preview shows how the Hex color AB8B57 looks on a white background.

## Color Contrast Check

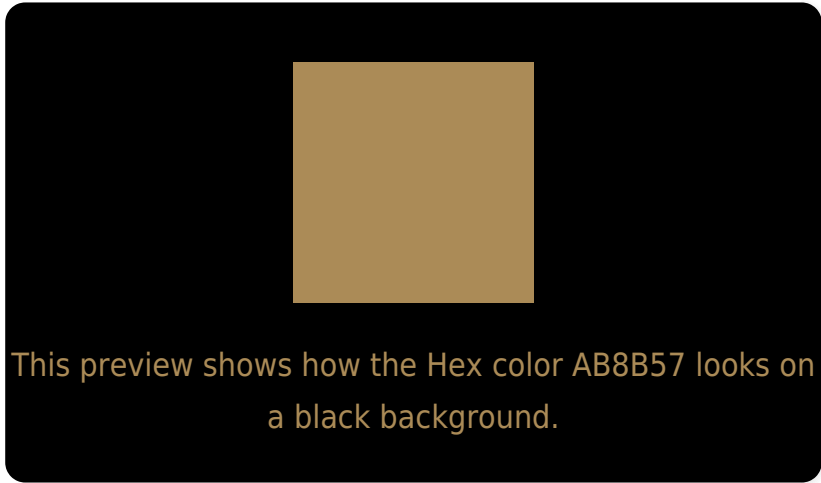
Large Text (above 18pt) WCAG AA ✓ Pass

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

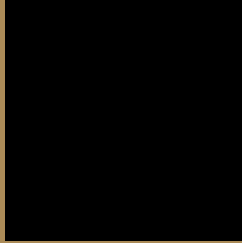
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AB8B57 Background



This preview shows how black text looks on a background with the Hex color AB8B57.



This preview shows how white text looks on a background with the Hex color AB8B57.

# 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**  
AB8B57

**Protanopia**  
9D9059

**Deuteranopia**  
AF8A57

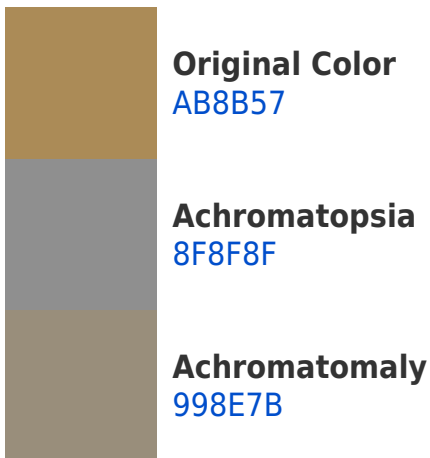


**Tritanopia**  
B0848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB8B57 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 #AB8B57 looks like.

```
.text, #text, p{  
    color:#AB8B57  
}
```

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 #AB8B57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB8B57
}
```

## Border

The CSS property to change the border of an element to Hex AB8B57 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
#AB8B57 }
```

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

```
.border{ border-color:#AB8B57 }
```

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

Here you see how a box with a 4 pixel #AB8B57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB8B57; -webkit-box-shadow:4px 4px  
4px 4px #AB8B57; box-shadow:4px 4px 4px  
4px #AB8B57 }
```

# Background

The CSS property to change the background color of an element to Hex AB8B57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB8B57 }
```

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

```
.background{ background-color:#AB8B57 }
```

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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