

# Converting Colors

Hex(AB882B)

Have a look what the booklet for  
Hex(AB882B) contains.

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**Color**

**Hex(AB882B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AB882B
RGB	171, 136, 43
RGB Percent	67%, 53%, 17%
CMY	0.3294, 0.4667, 0.8314
CMYK	0.00, 0.20, 0.75, 0.33
HSL	44°, 60%, 42%
HSV	44°, 75%, 67%
XYZ	26.0348, 26.4407, 6.0169
YIQ	135.8630, 50.7130, -21.5030

# Conversions

## Conversions Part 2

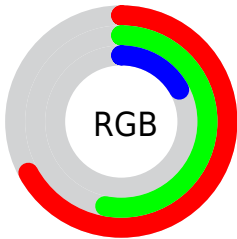
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 171, 43
Decimal	11241515
CIELab	58.45, 3.80, 52.19
CIELCh	58, 52.327, 85.834
Yxy	26.4407, 0.4451, 0.4520
Android (android.graphics.Color)	4289431595 (0xFFAB882B)
YUV	135.8630, -45.7815, 30.8151
Hunter-Lab	51.4205, 0.3908, 29.0566

# Details

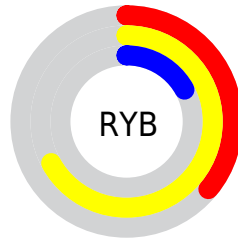
The Hex color **AB882B** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **2B4EAB**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **E6BD5F**, and **735700** is the 20% darker color. If you saturate the color by 10%, you get **AB831A**, and if you desaturate by 10%, it is **AB8D3C**.

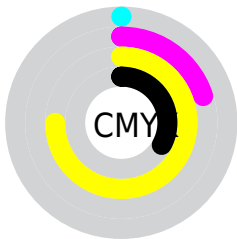
# Distribution



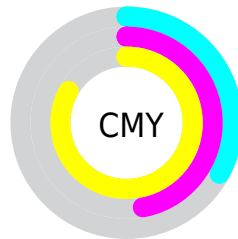
- Red (67%)
- Green (53%)
- Blue (17%)



- Red (36%)
- Yellow (67%)
- Blue (17%)



- Cyan (0%)
- Magenta (20%)
- Yellow (75%)
- Black (33%)



- Cyan (33%)
- Magenta (47%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB882B 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 AB882B by changing the saturation by 10% instead.



 AB882B

 AB882B

FFFFFF

 8F6F0D

 E6BD5F

 735700

 FFD979

 584000

 FFF594

 3D2A00

 FFFF4F

 241600

 FFFFCB

 000000

 FFFF88

 AB882B

 AB882B

 AB831A

 AB8D3C

■ AB7F09

■ AB914D

■ AB7C00

■ AB965E

■ AB9B6F

■ AB9F80

■ ABA492

■ ABA9A3

■ ABADB4

■ ABB2C5

# Harmonies

## Analogous

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



CD7641



AB882B



7E9634

# Triad

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



AB882B



00A3B3



BE70C1

# Complementary

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



AB882B



2B4EAB

# 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.



8383DF



AB882B



009ED8

# Square

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



AB882B



00A384



0094E8



DC6495

# Rectangle

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



AB882B



5A9C49



0094E8



AE76CD



# Sweetspot

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



AB882B



DED1AD



AB2B4F



706853



F0F0F0



707070



# Same Dimension

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



AB882B



DEA716



8FAB2B



57544E



966D00



171100



# Inverse Universe

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



2B4EAB



164DDE



472BAB



4E5057



002996

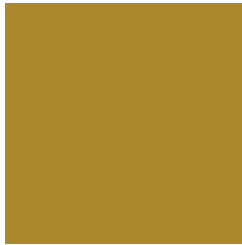


000617



# Previews

## White Background



This preview shows how the Hex color AB882B looks on a white background.

## Color Contrast Check

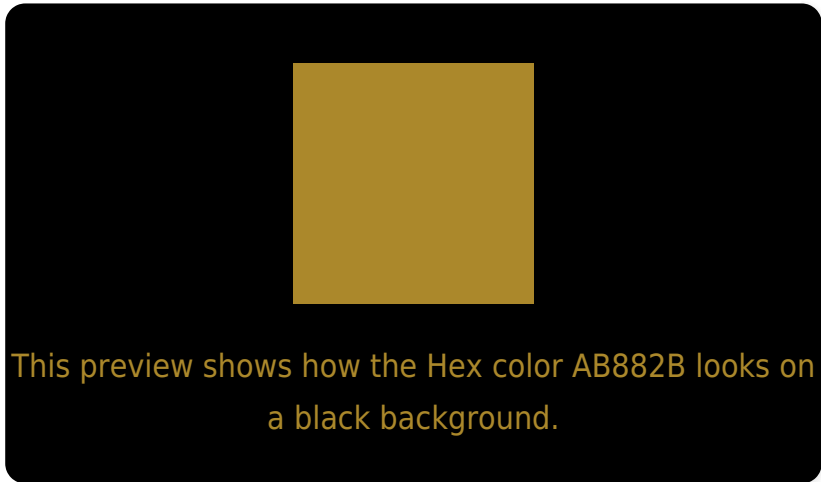
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB882B Background



This preview shows how black text looks on a background with the Hex color AB882B.



This preview shows how white text looks on a background with the Hex color AB882B.

# 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**  
AB882B

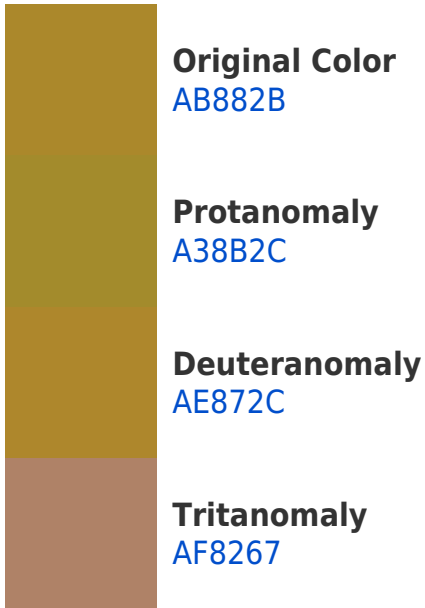
**Protanopia**  
9E8D2C

**Deuteranopia**  
B0862C

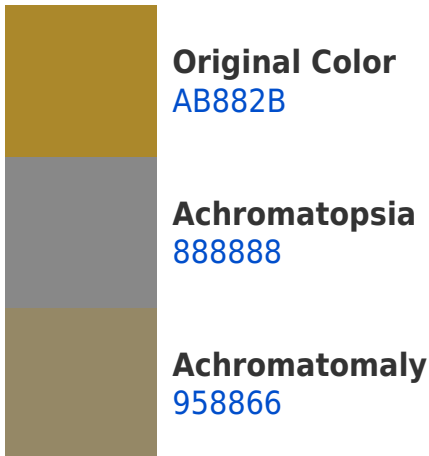


**Tritanopia**  
B17F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB882B 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 #AB882B looks like.

```
.text, #text, p{  
    color:#AB882B  
}
```

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 #AB882B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB882B  
}
```

## Border

The CSS property to change the border of an element to Hex AB882B 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  
#AB882B }
```

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

```
.border{ border-color:#AB882B }
```

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

Here you see how a box with a 4 pixel #AB882B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB882B; -webkit-box-shadow:4px 4px  
4px 4px #AB882B; box-shadow:4px 4px 4px  
4px #AB882B }
```

# Background

The CSS property to change the background color of an element to Hex AB882B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB882B }
```

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

```
.background{ background-color:#AB882B }
```

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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