

# Converting Colors

Hex(A98B44)

Have a look what the booklet for  
Hex(A98B44) contains.

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**Color**

**Hex(A98B44)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A98B44
RGB	169, 139, 68
RGB Percent	66%, 55%, 27%
CMY	0.3373, 0.4549, 0.7333
CMYK	0.00, 0.18, 0.60, 0.34
HSL	42°, 43%, 46%
HSV	42°, 60%, 66%
XYZ	26.6382, 27.3176, 9.3377
YIQ	139.8760, 40.6710, -15.7210

# Conversions

## Conversions Part 2

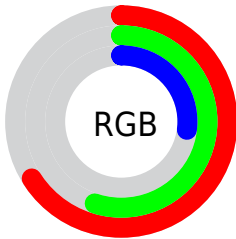
<b>Format</b>	<b>Color</b>
<b>RYB</b>	111, 169, 68
Decimal	11111236
CIELab	59.27, 2.78, 41.57
CIELCh	59, 41.666, 86.172
Yxy	27.3176, 0.4209, 0.4316
Android (android.graphics.Color)	4289301316 (0xFFA98B44)
YUV	139.8760, -35.4349, 25.5417
Hunter-Lab	52.2663, -0.4910, 25.9939

# Details

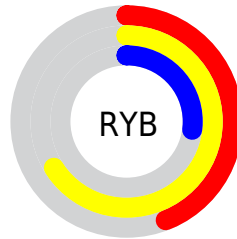
The Hex color **A98B44** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **4462A9**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **E2C076**, and **725912** is the 20% darker color. If you saturate the color by 10%, you get **A98633**, and if you desaturate by 10%, it is **A99055**.

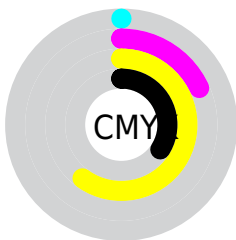
# Distribution



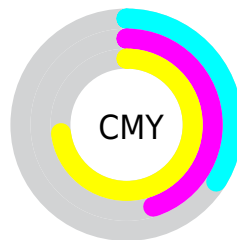
- Red (66%)
- Green (55%)
- Blue (27%)



- Red (44%)
- Yellow (66%)
- Blue (27%)



- Cyan (0%)
- Magenta (18%)
- Yellow (60%)
- Black (34%)



- Cyan (34%)
- Magenta (45%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A98B44 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 A98B44 by changing the saturation by 10% instead.



 A98B44

 A98B44

FFFFFF

 8D722C

 E2C076

 725912

 FFDC91

 584200

 FFF9AC

 3E2C00

 FFFFC7

 251800

 FFFFE4

 000000

 A98B44

 A98B44

 A98633

 A99055

 A98122

 A99566

 A97C11

 A99A77

 A97700

 A99F88

 A9A498

 A9A9A9

 A9AEBA

 A9B3CB

 A9B8DC

# Harmonies

## Analogous

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



C57E53



A98B44



85964B

# Triad

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



A98B44



00A1AE



B879B8

# Complementary

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



A98B44



4462A9

# 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.



8A87D0



A98B44



009DCB

# Square

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



A98B44



00A189



4494D7



D07195

# Rectangle

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



A98B44



689C5A



4494D7



AB7DC2



# Sweetspot

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



A98B44



DBD0B4



A94462



6E6656



EDEDED



6E6E6E



# Same Dimension

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



A98B44



DBAC3D



95A944



54524C



946800



140E00



# Inverse Universe

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



4462A9



3D6CDB



5844A9



4C4E54



002C94



000614



# Previews

## White Background



This preview shows how the Hex color A98B44 looks on a white background.

## Color Contrast Check

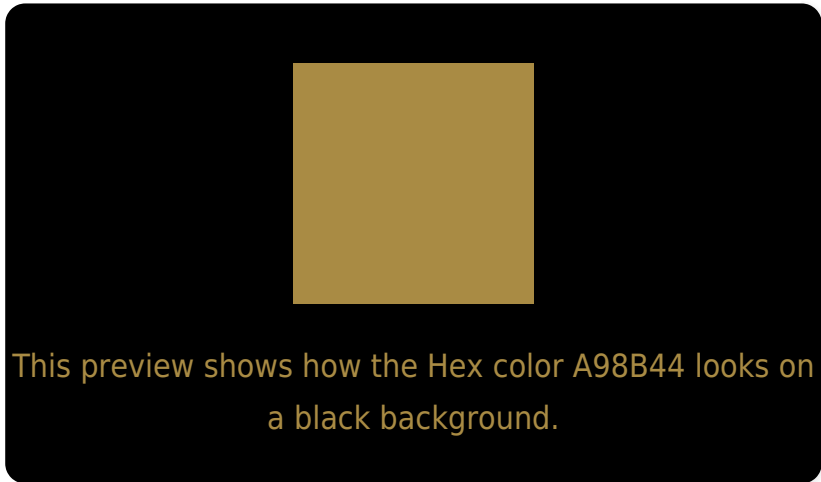
Large Text (above 18pt) WCAG AA ✓ Pass

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 A98B44 Background



This preview shows how black text looks on a background with the Hex color A98B44.



This preview shows how white text looks on a background with the Hex color A98B44.

# 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**  
A98B44

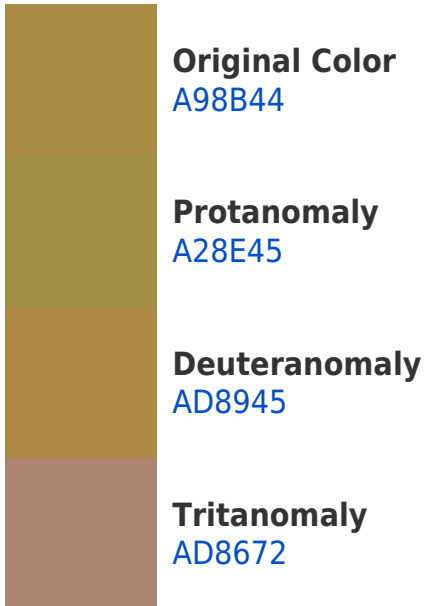
**Protanopia**  
9E8F45

**Deuteranopia**  
B08845

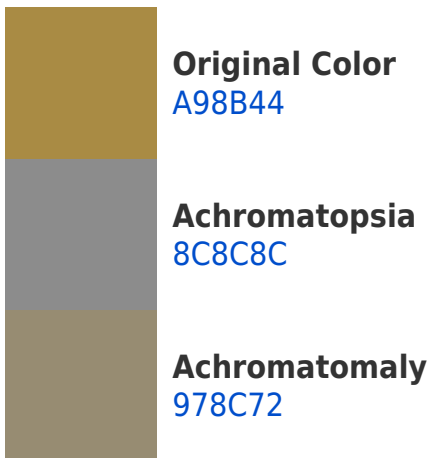


**Tritanopia**  
AF838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A98B44 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 #A98B44 looks like.

```
.text, #text, p{  
    color:#A98B44  
}
```

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 #A98B44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A98B44  
}
```

## Border

The CSS property to change the border of an element to Hex A98B44 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  
#A98B44 }
```

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

```
.border{ border-color:#A98B44 }
```

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

Here you see how a box with a 4 pixel #A98B44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A98B44; -webkit-box-shadow:4px 4px  
4px 4px #A98B44; box-shadow:4px 4px 4px  
4px #A98B44 }
```

# Background

The CSS property to change the background color of an element to Hex A98B44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A98B44 }
```

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

```
.background{ background-color:#A98B44 }
```

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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