

# Converting Colors

Hex(A98A32)

Have a look what the booklet for  
Hex(A98A32) contains.

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**Color**

**Hex(A98A32)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A98A32
RGB	169, 138, 50
RGB Percent	66%, 54%, 20%
CMY	0.3373, 0.4588, 0.8039
CMYK	0.00, 0.18, 0.70, 0.34
HSL	44°, 54%, 43%
HSV	44°, 70%, 66%
XYZ	26.0264, 26.8423, 6.8269
YIQ	137.2370, 46.7240, -20.7960

# Conversions

## Conversions Part 2

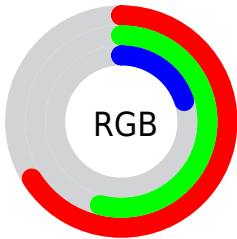
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	92, 169, 50
Decimal	11110962
CIE Lab	58.83, 2.15, 49.56
CIE LCh	59, 49.606, 87.516
Yxy	26.8423, 0.4360, 0.4497
Android (android.graphics.Color)	4289301042 (0xFFA98A32)
YUV	137.2370, -43.0078, 27.8562
Hunter-Lab	51.8095, -0.9976, 28.4540

# Details

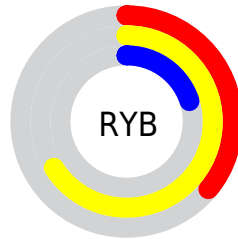
The Hex color **A98A32** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **3251A9**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **E3BF65**, and **715800** is the 20% darker color. If you saturate the color by 10%, you get **A98621**, and if you desaturate by 10%, it is **A98E43**.

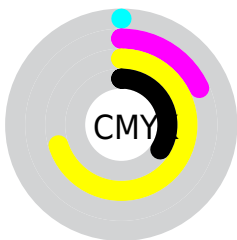
# Distribution



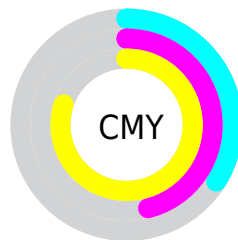
- Red (66%)
- Green (54%)
- Blue (20%)



- Red (36%)
- Yellow (66%)
- Blue (20%)



- Cyan (0%)
- Magenta (18%)
- Yellow (70%)
- Black (34%)



- Cyan (34%)
- Magenta (46%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A98A32 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 A98A32 by changing the saturation by 10% instead.





A98A32



A98A32

FFFFFF



8D7117



E3BF65



715800



FFDB7F



574100



FFF79A



3C2C00



FFFFB6



231700



FFFFD2



000000



FFFFEF



A98A32



A98A32



A98621



A98E43

 A98110

 A99354

 A97D00

 A99765

 A99C76

 A9A086

 A9A497

 A9A9A8

 A9ADB9

 A9B2CA

# Harmonies

## Analogous

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



CA7A44



A98A32



7E973C

# Triad

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



A98A32



00A3B4



BF72BD

# Complementary

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



A98A32



3251A9

# 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.



8984DB



A98A32



009ED6

# Square

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



A98A32



00A388



1C93E4



DA6793

# Rectangle

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



A98A32



5B9D50



1C93E4



B178C9



# Sweetspot

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



A98A32



DBCFAF



A93252



6E6752



EDEDED



6E6E6E



# Same Dimension

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



A98A32



DBAB23



8DA932



54524C



946D00



140F00



# Inverse Universe

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



3251A9



2353DB



4E32A9



4C4E54



002794



000514



# Previews

## White Background



This preview shows how the Hex color A98A32 looks on a white background.

## Color Contrast Check

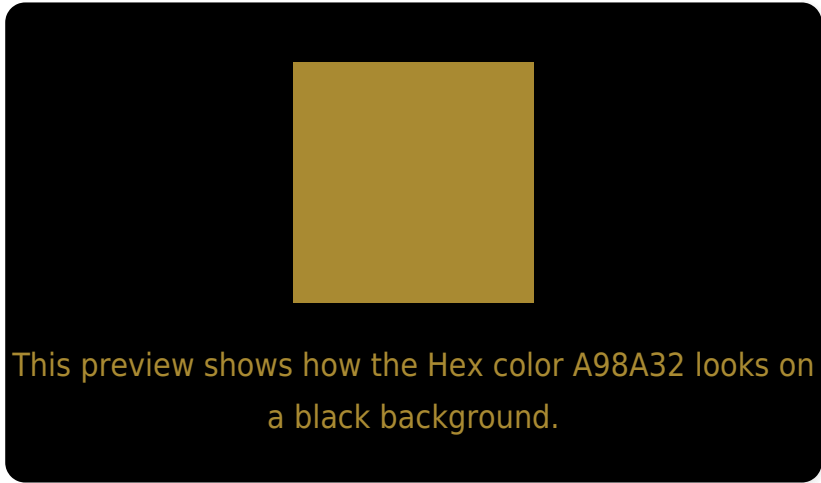
Large Text (above 18pt) WCAG AA ✓ Pass

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 A98A32 Background



This preview shows how black text looks on a background with the Hex color A98A32.



This preview shows how white text looks on a background with the Hex color A98A32.

# 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**  
A98A32

**Protanopia**  
9E8E33

**Deuteranopia**  
B18733

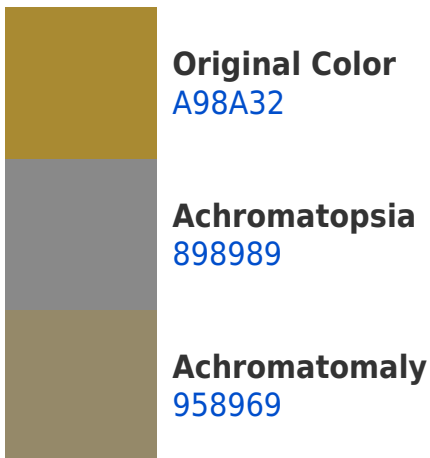


**Tritanopia**  
B0818B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A98A32 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 #A98A32 looks like.

```
.text, #text, p{  
    color:#A98A32  
}
```

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 #A98A32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A98A32
}
```

## Border

The CSS property to change the border of an element to Hex A98A32 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
#A98A32 }
```

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

```
.border{ border-color:#A98A32 }
```

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

Here you see how a box with a 4 pixel #A98A32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A98A32; -webkit-box-shadow:4px 4px  
4px 4px #A98A32; box-shadow:4px 4px 4px  
4px #A98A32 }
```

# Background

The CSS property to change the background color of an element to Hex A98A32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A98A32 }
```

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

```
.background{ background-color:#A98A32 }
```

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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