

# Converting Colors

Hex(A98A40)

Have a look what the booklet for  
Hex(A98A40) contains.

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# Color

**Hex(A98A40)**

# Conversions

Conversions Part 1	
Format	Color
Hex	A98A40
RGB	169, 138, 64
RGB Percent	66%, 54%, 25%
CMY	0.3373, 0.4588, 0.7490
CMYK	0.00, 0.18, 0.62, 0.34
HSL	42°, 45%, 46%
HSV	42°, 62%, 66%
XYZ	26.3761, 26.9821, 8.6684
YIQ	138.8330, 42.2300, -16.4420

# Conversions

## Conversions Part 2

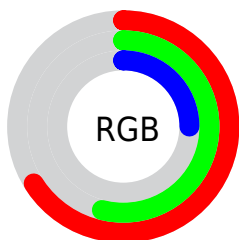
Format	Color
<a href="#">RYB</a>	<a href="#">108, 169, 64</a>
Decimal	<a href="#">11110976</a>
CIELab	<a href="#">58.96, 3.04, 43.20</a>
CIELCh	<a href="#">59, 43.306, 85.977</a>
Yxy	<a href="#">26.9821, 0.4252, 0.4350</a>
Android (android.graphics.Color)	<a href="#">4289301056</a> (0xFFA98A40)
YUV	<a href="#">138.8330, -36.8927, 26.4565</a>
Hunter-Lab	<a href="#">51.9443, -0.2646, 26.4668</a>

# Details

The Hex color **A98A40** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **405FA9**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **E3BF72**, and **72580D** is the 20% darker color. If you saturate the color by 10%, you get **A9852F**, and if you desaturate by 10%, it is **A98F51**.

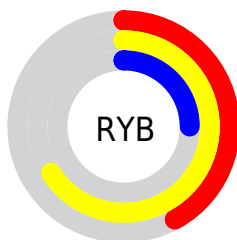
# Distribution



Red (66%)

Green (54%)

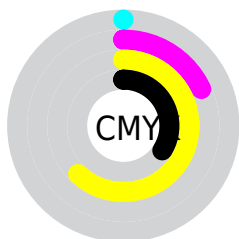
Blue (25%)



Red (42%)

Yellow (66%)

Blue (25%)

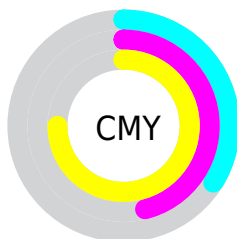


Cyan (0%)

Magenta (18%)

Yellow (62%)

Black (34%)



Cyan (34%)

Magenta (46%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A98A40 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 A98A40 by changing the saturation by 10% instead.





A98A40

FFFFFF



E3BF72



FFDB8D



FFF7A8



FFFFC3



FFFFEO

FFFFFFC



A98A40



8D7127



72580D



574100



3E2B00



241700



000000



A98A40



A9852F



A98A40



A98F51

 A9801E

 A99462

 A97B0D

 A99973

 A97700

 A99E84

 A9A394

 A9A8A5

 A9ADB6

 A9B2C7

 A9B7D8

# Harmonies

## Analogous

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



C67C50



A98A40



839647

# Triad

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



A98A40



00A1AE



B877B9

# Complementary

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



A98A40



405FA9

# 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.



8986D2



A98A40



009DCC

# Square

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



A98A40



00A187



3C93D9



D16E95

# Rectangle

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



A98A40



669B57



3C93D9



AB7CC3



# Sweetspot

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



A98A40



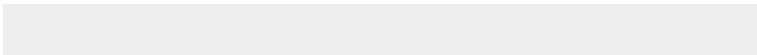
DBCFB2



A94060



6E6654



EDEDED



6E6E6E



# Same Dimension

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



A98A40



DBAB37



94A940



54524C



946800



140E00



# Inverse Universe

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



405FA9



3767DB



5540A9



4C4E54



002C94



000614



# Previews

## White Background



This preview shows how the Hex color A98A40 looks on a white background.

## Color Contrast Check

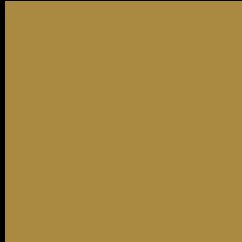
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color A98A40 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

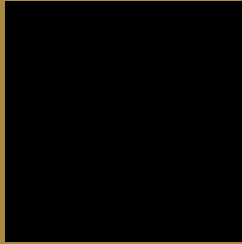
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A98A40 Background



This preview shows how black text looks on a background with the Hex color A98A40.



This preview shows how white text looks on a background with the Hex color A98A40.

# 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**

A98A40

**Protanopia**

9E8E41

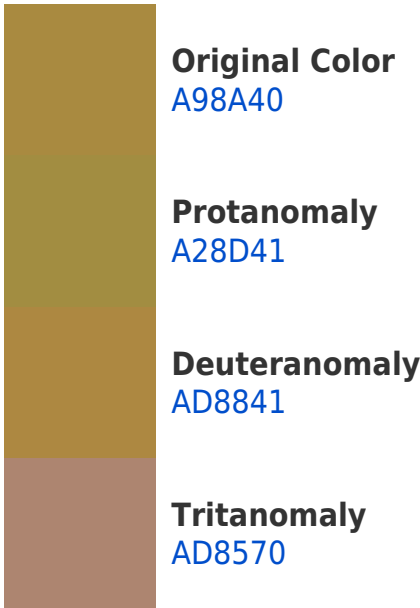
**Deuteranopia**

B08741

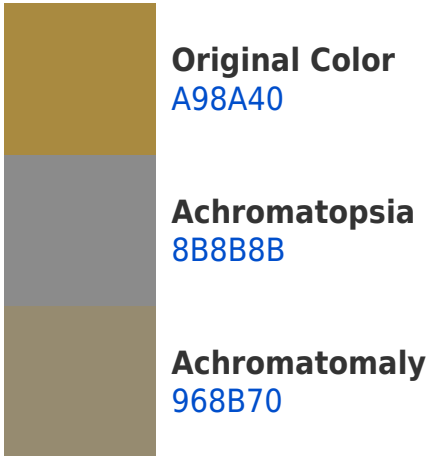


**Tritanopia**  
AF828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A98A40 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 #A98A40 looks like.

```
.text, #text, p{  
    color:#A98A40  
}
```

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 #A98A40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A98A40
}
```

## Border

The CSS property to change the border of an element to Hex A98A40 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
#A98A40 }
```

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

```
.border{ border-color:#A98A40 }
```

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

Here you see how a box with a 4 pixel #A98A40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A98A40; -webkit-box-shadow:4px 4px  
4px 4px #A98A40; box-shadow:4px 4px 4px  
4px #A98A40 }
```

# Background

The CSS property to change the background color of an element to Hex A98A40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A98A40 }
```

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

```
.background{ background-color:#A98A40 }
```

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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