

# Converting Colors

Hex(A98A45)

Have a look what the booklet for  
Hex(A98A45) contains.

<b>Hex(A98A45)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(A98A45)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A98A45
RGB	169, 138, 69
RGB Percent	66%, 54%, 27%
CMY	0.3373, 0.4588, 0.7294
CMYK	0.00, 0.18, 0.59, 0.34
HSL	41°, 42%, 47%
HSV	41°, 59%, 66%
XYZ	26.5248, 27.0416, 9.4518
YIQ	139.4030, 40.6250, -14.8870

# Conversions

## Conversions Part 2

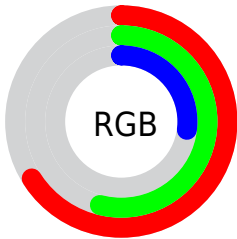
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 169, 69
Decimal	11110981
CIELab	59.01, 3.41, 40.78
CIELCh	59, 40.920, 85.215
Yxy	27.0416, 0.4209, 0.4291
Android (android.graphics.Color)	4289301061 (0xFFA98A45)
YUV	139.4030, -34.7087, 25.9566
Hunter-Lab	52.0016, 0.0461, 25.6246

# Details

The Hex color **A98A45** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **4564A9**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **E2BF77**, and **725814** is the 20% darker color. If you saturate the color by 10%, you get **A98534**, and if you desaturate by 10%, it is **A98F56**.

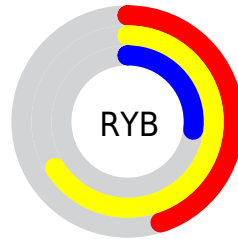
# Distribution



Red (66%)

Green (54%)

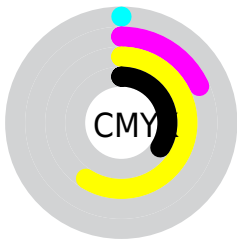
Blue (27%)



Red (45%)

Yellow (66%)

Blue (27%)

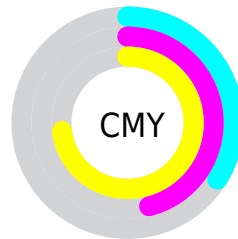


Cyan (0%)

Magenta (18%)

Yellow (59%)

Black (34%)



Cyan (34%)

Magenta (46%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A98A45 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 A98A45 by changing the saturation by 10% instead.



 A98A45

 A98A45

FFFFFF

 8D712D

 E2BF77

 725814

 FFDB92

 584100

 FFF7AD

 3E2B00

 FFFFC8

 251700

 FFFF E5

 000000

 A98A45

 A98A45

 A98534

 A98F56

 A98023

 A99467

 A97A12

 A99A78

 A97501

 A99F89

 A97500

 A9A499

 A9A9AA

 A9AFBB

 A9B4CC

 A9B9DD

# Harmonies

## Analogous

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



C47D54



A98A45



85954B

# Triad

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



A98A45



00A0AB



B579B7

# Complementary

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



A98A45



4564A9

# 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.



8887CF



A98A45



009CC8

# Square

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



A98A45



0FA087



4493D5



CE7195

# Rectangle

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



A98A45



6A9A5A



4493D5



A87EC1



# Sweetspot

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



A98A45



DBCFB4



A94565



6E6656



EDEDED



6E6E6E



# Same Dimension

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



A98A45



DBAB40



97A945



54524C



946600



140E00



# Inverse Universe

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



4564A9



4070DB



5745A9



4C4E54



002E94



000614



# Previews

## White Background



This preview shows how the Hex color A98A45 looks on a white background.

## Color Contrast Check

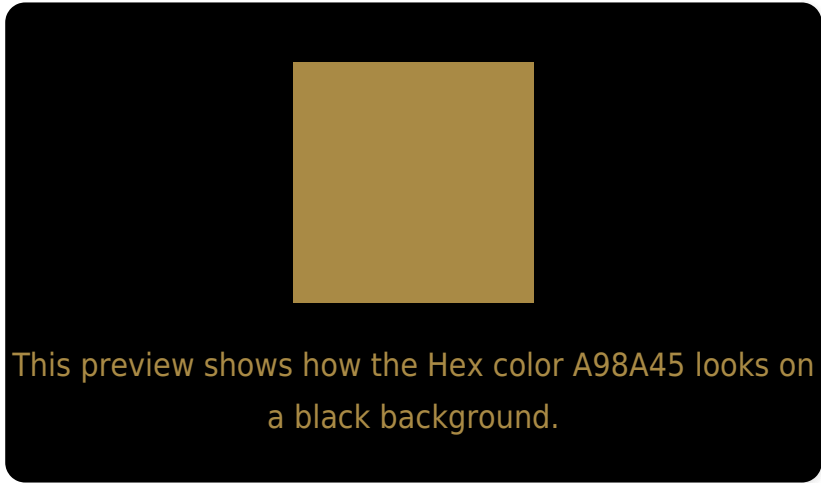
Large Text (above 18pt) WCAG AA ✓ Pass

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 A98A45 Background



This preview shows how black text looks on a background with the Hex color A98A45.



This preview shows how white text looks on a background with the Hex color A98A45.

# 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**  
A98A45

**Protanopia**  
9D8E46

**Deuteranopia**  
AF8746

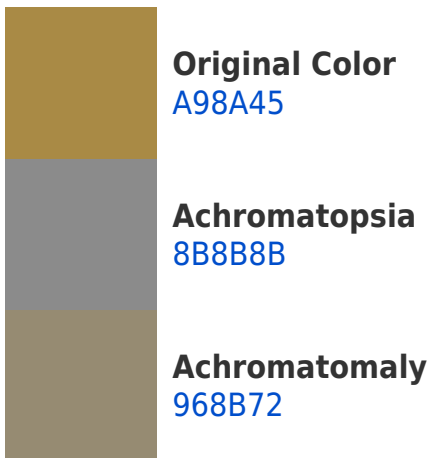


**Tritanopia**  
AF828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A98A45 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 #A98A45 looks like.

```
.text, #text, p{  
    color:#A98A45  
}
```

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 #A98A45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A98A45  
}
```

## Border

The CSS property to change the border of an element to Hex A98A45 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  
#A98A45 }
```

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

```
.border{ border-color:#A98A45 }
```

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

Here you see how a box with a 4 pixel #A98A45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A98A45; -webkit-box-shadow:4px 4px  
4px 4px #A98A45; box-shadow:4px 4px 4px  
4px #A98A45 }
```

# Background

The CSS property to change the background color of an element to Hex A98A45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A98A45 }
```

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

```
.background{ background-color:#A98A45 }
```

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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