

# Converting Colors

Hex(A97D49)

Have a look what the booklet for  
Hex(A97D49) contains.

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**Color**

**Hex(A97D49)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A97D49
RGB	169, 125, 73
RGB Percent	66%, 49%, 29%
CMY	0.3373, 0.5098, 0.7137
CMYK	0.00, 0.26, 0.57, 0.34
HSL	32°, 40%, 47%
HSV	32°, 57%, 66%
XYZ	24.8984, 23.5833, 9.5431
YIQ	132.2280, 42.9160, -6.8440

# Conversions

## Conversions Part 2

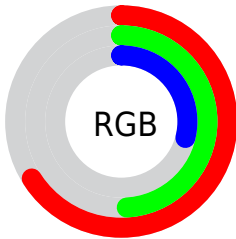
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 169, 73
Decimal	11107657
CIELab	55.67, 11.01, 34.73
CIELCh	56, 36.430, 72.408
Yxy	23.5833, 0.4291, 0.4064
Android (android.graphics.Color)	4289297737 (0xFFA97D49)
YUV	132.2280, -29.1994, 32.2490
Hunter-Lab	48.5626, 6.5336, 22.3427

# Details

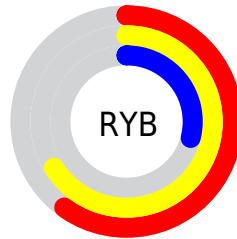
The Hex color **A97D49** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4975A9**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **E3B27B**, and **724C1A** is the 20% darker color. If you saturate the color by 10%, you get **A97538**, and if you desaturate by 10%, it is **A9855A**.

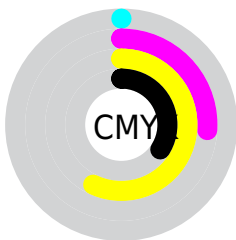
# Distribution



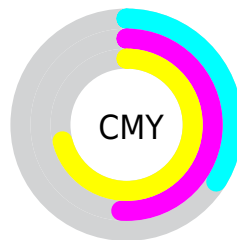
- Red (66%)
- Green (49%)
- Blue (29%)



- Red (60%)
- Yellow (66%)
- Blue (29%)



- Cyan (0%)
- Magenta (26%)
- Yellow (57%)
- Black (34%)



- Cyan (34%)
- Magenta (51%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A97D49 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 A97D49 by changing the saturation by 10% instead.



 A97D49

 A97D49

FFFFFF

 8D6431

 E3B27B

 724C1A

 FFCD95

 573502

 FFE9B0

 3E2000

 FFFFCC

 250B00

 FFFFEE

 000000

 A97D49

 A97D49

 A97538

 A9855A

 A96E27

 A98C6B

 A96616

 A9947C

 A95E05

 A99C8D

 A95C00

 A9A49D

 A9ABAE

 A9B3BF

 A9BBD0

 A9C3E1

# Harmonies

## Analogous

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



BC725C



A97D49



8C8846

# Triad

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



A97D49



009692



9978B4

# Complementary

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



A97D49



4975A9

# 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.



6B84C3



A97D49



0094AF

# Square

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



A97D49



3E9571



268EC1



B76E99

# Rectangle

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



A97D49



768D4E



268EC1



8C7CBB



# Sweetspot

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



A97D49



DBCAB6



A94976



6E6458



EDEDED



6E6E6E



# Same Dimension

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



A97D49



DB9746



A6A949



54504C



945000



140B00



# Inverse Universe

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



4975A9



468BDB



4C49A9



4C5054



004494

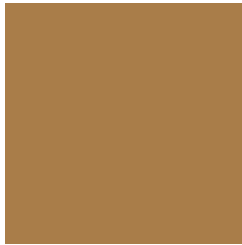


000914



# Previews

## White Background



This preview shows how the Hex color A97D49 looks on a white background.

## Color Contrast Check

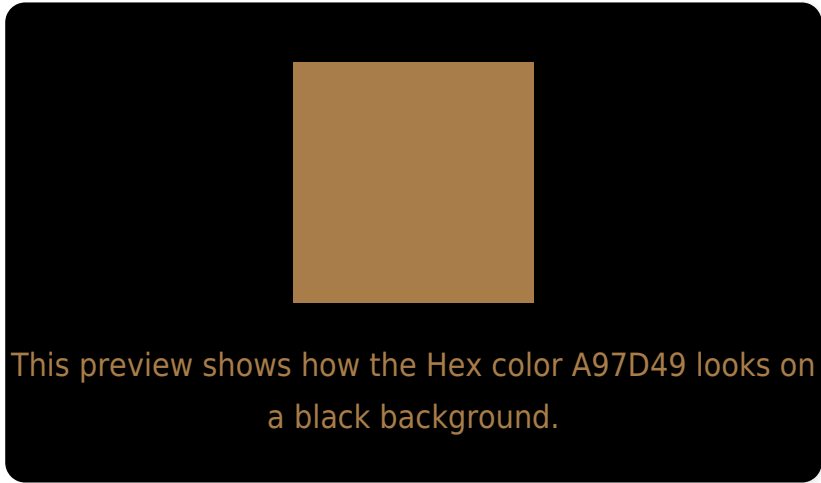
Large Text (above 18pt) WCAG AA ✓ Pass

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

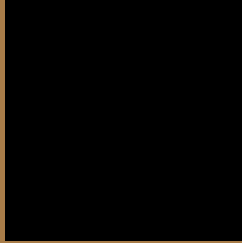
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A97D49 Background



This preview shows how black text looks on a background with the Hex color A97D49.



This preview shows how white text looks on a background with the Hex color A97D49.

# 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**  
A97D49

**Protanopia**  
93864C

**Deuteranopia**  
A47F48



**Tritanopia**  
AD7780

# Trichromacy



**Original Color**  
A97D49

**Protanomaly**  
9B834B

**Deuteranomaly**  
A67E48

**Tritanomaly**  
AC796C

# Monochromacy



**Original Color**  
A97D49

**Achromatopsia**  
848484

**Achromatomaly**  
91816F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A97D49 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 #A97D49 looks like.

```
.text, #text, p{  
    color:#A97D49  
}
```

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 #A97D49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A97D49
}
```

## Border

The CSS property to change the border of an element to Hex A97D49 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
#A97D49 }
```

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

```
.border{ border-color:#A97D49 }
```

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

Here you see how a box with a 4 pixel #A97D49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A97D49; -webkit-box-shadow:4px 4px  
4px 4px #A97D49; box-shadow:4px 4px 4px  
4px #A97D49 }
```

# Background

The CSS property to change the background color of an element to Hex A97D49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A97D49 }
```

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

```
.background{ background-color:#A97D49 }
```

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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