

# Converting Colors

Hex(AF9D3D)

Have a look what the booklet for  
Hex(AF9D3D) contains.

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# **Color**

**Hex(AF9D3D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AF9D3D
RGB	175, 157, 61
RGB Percent	69%, 62%, 24%
CMY	0.3137, 0.3843, 0.7608
CMYK	0.00, 0.10, 0.65, 0.31
HSL	51°, 48%, 46%
HSV	51°, 65%, 69%
XYZ	30.5785, 33.5648, 9.2819
YIQ	151.4380, 41.5440, -26.0400

# Conversions

## Conversions Part 2

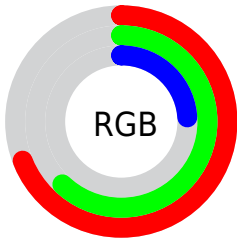
Format	Color
<b>RYB</b>	82, 175, 61
Decimal	11509053
CIELab	64.62, -4.87, 50.97
CIElCh	65, 51.204, 95.463
Yxy	33.5648, 0.4165, 0.4571
Android (android.graphics.Color)	4289699133 (0xFFAF9D3D)
YUV	151.4380, -44.5859, 20.6639
Hunter-Lab	57.9352, -7.1733, 31.0557

# Details

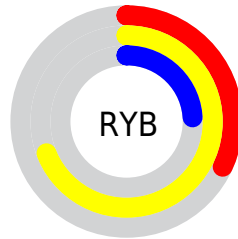
The Hex color **AF9D3D** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3D4FAF**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **E9D371**, and **776A00** is the 20% darker color. If you saturate the color by 10%, you get **AF9A2C**, and if you desaturate by 10%, it is **AFA04F**.

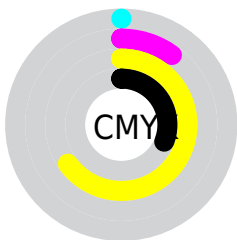
# Distribution



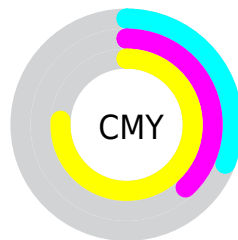
- Red (69%)
- Green (62%)
- Blue (24%)



- Red (32%)
- Yellow (69%)
- Blue (24%)



- Cyan (0%)
- Magenta (10%)
- Yellow (65%)
- Black (31%)



- Cyan (31%)
- Magenta (38%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF9D3D 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 AF9D3D by changing the saturation by 10% instead.



 AF9D3D

 AF9D3D

FFFFFF

 938322

 E9D371

 776A00

 FFF08C

 5D5200

 FFFFA7

 433B00

 FFFF C3

 292600

 FFFF DF

 0D1200

FFFFFF C

 000000

 AF9D3D

 AF9D3D

 AF9A2C

 AFA04F

 AF971A

 AFA360

 AF9509

 AFA572

 AF9300

 AFA883

 AFAB95

 AFAEA6

 AFB0B8

 AFB3C9

 AFB6DB

# Harmonies

## Analogous

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



D58D49



AF9D3D



7FA94F

# Triad

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



AF9D3D



00B2D1



DC7CC4

# Complementary

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



AF9D3D



3D4FAF

# 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.



AB8DE8



AF9D3D



00ACEF

# Square

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



AF9D3D



00B4A4



589FF8



F17596

# Rectangle

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



AF9D3D



57AF67



589FF8



CE81D1

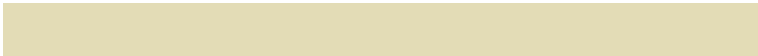


# Sweetspot

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



AF9D3D



E3DCB6



AF3D50



736E57



F2F2F2



737373



# Same Dimension

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



AF9D3D



E3C732



89AF3D



57554E



967F00



171300



# Inverse Universe

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



3D4FAF



324EE3



633DAF



4E4F57



001896



000417



# Previews

## White Background



This preview shows how the Hex color AF9D3D looks on a white background.

## Color Contrast Check

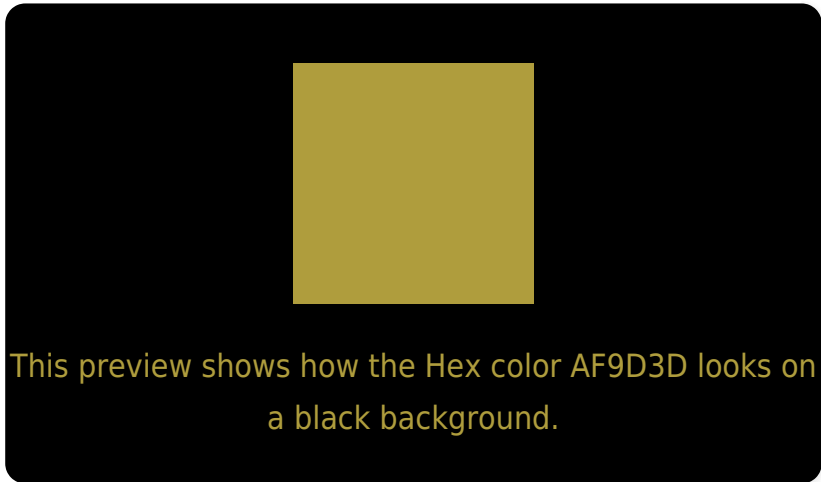
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex AF9D3D Background



This preview shows how black text looks on a background with the Hex color AF9D3D.



This preview shows how white text looks on a background with the Hex color AF9D3D.

# 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**  
AF9D3D

**Protanopia**  
AF9D3D

**Deuteranopia**  
C3953F

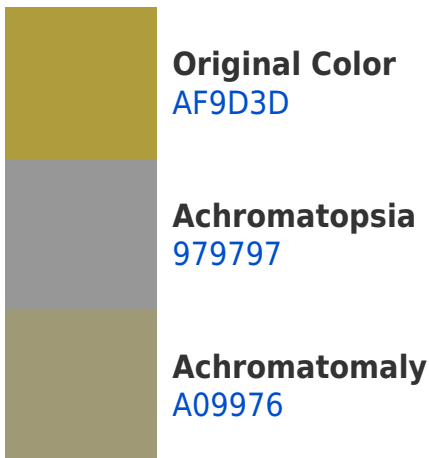


**Tritanopia**  
B7939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF9D3D 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 #AF9D3D looks like.

```
.text, #text, p{  
    color:#AF9D3D  
}
```

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 #AF9D3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF9D3D
}
```

## Border

The CSS property to change the border of an element to Hex AF9D3D 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
#AF9D3D }
```

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

```
.border{ border-color:#AF9D3D }
```

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

Here you see how a box with a 4 pixel #AF9D3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF9D3D; -webkit-box-shadow:4px 4px  
4px 4px #AF9D3D; box-shadow:4px 4px 4px  
4px #AF9D3D }
```

# Background

The CSS property to change the background color of an element to Hex AF9D3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF9D3D }
```

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

```
.background{ background-color:#AF9D3D }
```

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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