

# Converting Colors

Hex(AF9C44)

Have a look what the booklet for  
Hex(AF9C44) contains.

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# **Color**

**Hex(AF9C44)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AF9C44
RGB	175, 156, 68
RGB Percent	69%, 61%, 27%
CMY	0.3137, 0.3882, 0.7333
CMYK	0.00, 0.11, 0.61, 0.31
HSL	49°, 44%, 48%
HSV	49°, 61%, 69%
XYZ	30.6111, 33.3082, 10.2846
YIQ	151.6490, 39.5720, -23.3400

# Conversions

## Conversions Part 2

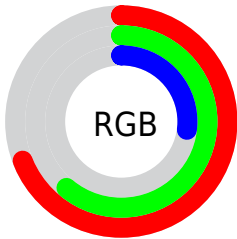
Format	Color
<a href="#">RYB</a>	<a href="#">91, 175, 68</a>
Decimal	<a href="#">11508804</a>
CIELab	<a href="#">64.41, -3.87, 47.55</a>
CIELCh	<a href="#">64, 47.711, 94.647</a>
Yxy	<a href="#">33.3082, 0.4125, 0.4489</a>
Android (android.graphics.Color)	<a href="#">4289698884 (0xFFAF9C44)</a>
YUV	<a href="#">151.6490, -41.2390, 20.4788</a>
Hunter-Lab	<a href="#">57.7133, -6.3221, 29.8337</a>

# Details

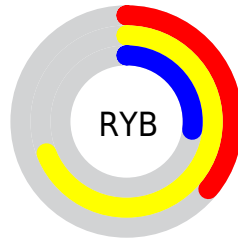
The Hex color **AF9C44** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4457AF**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **E9D277**, and **78690E** is the 20% darker color. If you saturate the color by 10%, you get **AF9933**, and if you desaturate by 10%, it is **AF9F56**.

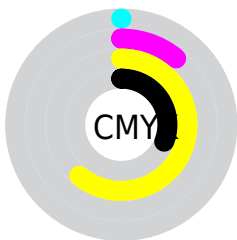
# Distribution



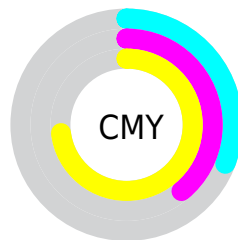
- Red (69%)
- Green (61%)
- Blue (27%)



- Red (36%)
- Yellow (69%)
- Blue (27%)



- Cyan (0%)
- Magenta (11%)
- Yellow (61%)
- Black (31%)



- Cyan (31%)
- Magenta (39%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF9C44 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 AF9C44 by changing the saturation by 10% instead.





AF9C44



AF9C44

FFFFFF



93822B



E9D277



78690E



FFEE92



5D5100



FFFFAD



433A00



FFFFC9



2A2500



FFFFEE



0E1100



000000



AF9C44



AF9C44



AF9933



AF9F56

 AF9621

 AFA267

 AF9310

 AFA579

 AF9000

 AFA88A

 AFAC9C

 AFAFAD

 AFB2BF

 AFB5D0

 AFB8E2

# Harmonies

## Analogous

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



D28D4F



AF9C44



82A853

# Triad

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



AF9C44



00B0CB



D67FC1

# Complementary

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



AF9C44



4457AF

# 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.



A88EE2



AF9C44



00AAE8

# Square

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



AF9C44



00B2A2



5D9EF1



EB7897

# Rectangle

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



AF9C44



5EAD69



5D9EF1



CA83CE

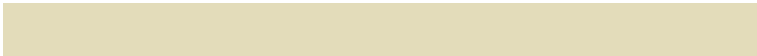


# Sweetspot

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



AF9C44



E3DCBA



AF4458



736E5A



F2F2F2



737373



# Same Dimension

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



AF9C44



E3C63D



8DAF44



57554E



967C00



171300



# Inverse Universe

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



4457AF



3D5BE3



6644AF



4E5057



001B96



000417



# Previews

## White Background



This preview shows how the Hex color AF9C44 looks on a white background.

## Color Contrast Check

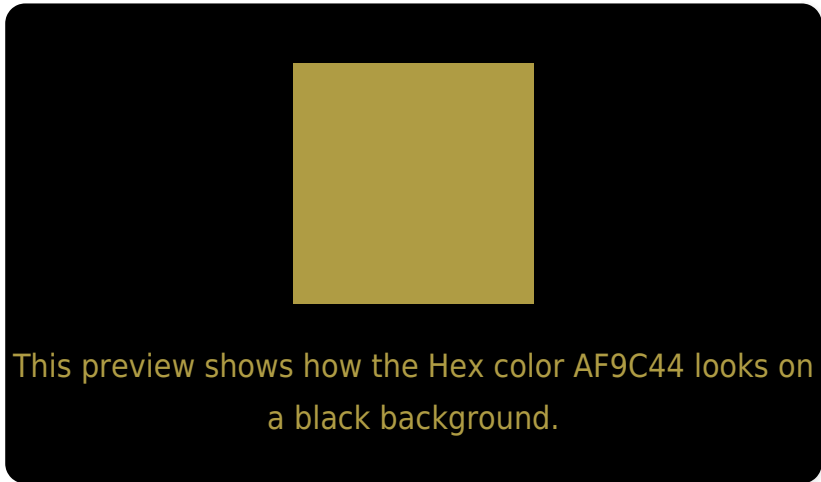
Large Text (above 18pt) WCAG AA × Fail

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

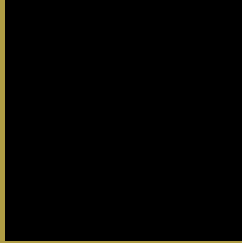
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AF9C44 Background



This preview shows how black text looks on a background with the Hex color AF9C44.



This preview shows how white text looks on a background with the Hex color AF9C44.

# 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**  
AF9C44

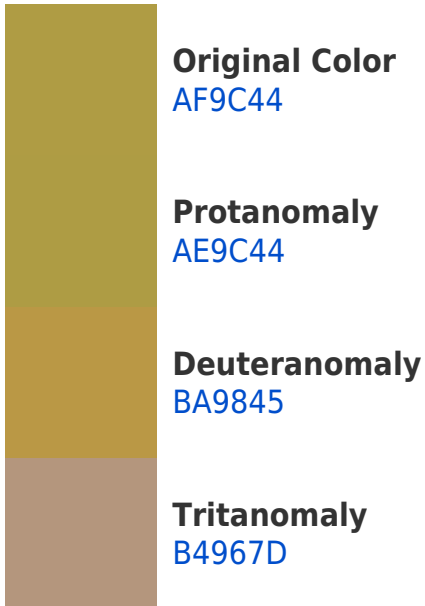
**Protanopia**  
AE9C44

**Deuteranopia**  
C19546

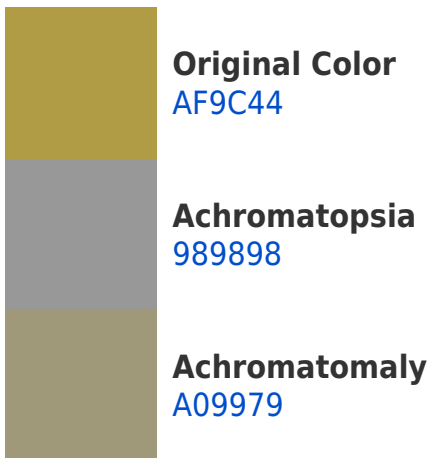


**Tritanopia**  
B7939E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF9C44 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 #AF9C44 looks like.

```
.text, #text, p{  
    color:#AF9C44  
}
```

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 #AF9C44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF9C44
}
```

## Border

The CSS property to change the border of an element to Hex AF9C44 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
#AF9C44 }
```

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

```
.border{ border-color:#AF9C44 }
```

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

Here you see how a box with a 4 pixel #AF9C44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF9C44; -webkit-box-shadow:4px 4px  
4px 4px #AF9C44; box-shadow:4px 4px 4px  
4px #AF9C44 }
```

# Background

The CSS property to change the background color of an element to Hex AF9C44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF9C44 }
```

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

```
.background{ background-color:#AF9C44 }
```

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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