

Converting Colors

Hex(AF9847)

Have a look what the booklet for
Hex(AF9847) contains.

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Color

Hex(AF9847)

Conversions

Conversions Part 1

Format	Color
Hex	AF9847
RGB	175, 152, 71
RGB Percent	69%, 60%, 28%
CMY	0.3137, 0.4039, 0.7216
CMYK	0.00, 0.13, 0.59, 0.31
HSL	47°, 42%, 48%
HSV	47°, 59%, 69%
XYZ	30.0448, 32.0254, 10.5592
YIQ	149.6430, 39.7090, -20.3150

Conversions

Conversions Part 2

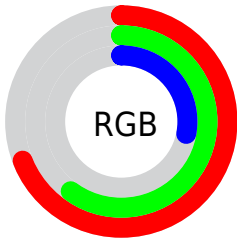
Format	Color
RYB	101, 175, 71
Decimal	11507783
CIELab	63.36, -1.48, 44.95
CIELCh	63, 44.972, 91.891
Yxy	32.0254, 0.4137, 0.4409
Android (android.graphics.Color)	4289697863 (0xFFAF9847)
YUV	149.6430, -38.7710, 22.2381
Hunter-Lab	56.5910, -4.2666, 28.5508

Details

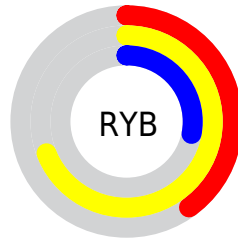
The Hex color **AF9847** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **475EAF**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **E9CE7A**, and **786514** is the 20% darker color. If you saturate the color by 10%, you get **AF9436**, and if you desaturate by 10%, it is **AF9C59**.

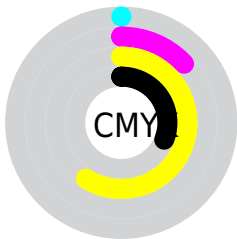
Distribution



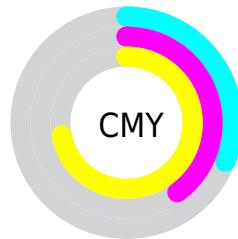
- Red (69%)
- Green (60%)
- Blue (28%)



- Red (40%)
- Yellow (69%)
- Blue (28%)



- Cyan (0%)
- Magenta (13%)
- Yellow (59%)
- Black (31%)



- Cyan (31%)
- Magenta (40%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF9847 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 AF9847 by changing the saturation by 10% instead.



AF9847



AF9847

FFFFFF



937E2E



E9CE7A



786514



FFEA95



5D4E00



FFFFB0



443700



FFFFCC



2A2200



FFFFE8



0E0D00



000000



AF9847



AF9847



AF9436



AF9C59

 AF9024

 AFA06A

 AF8C12

 AFA47C

 AF8901

 AFA78D

 AF8800

 AFAB9F

 AFAFB0

 AFB3C2

 AFB7D3

 AFBBE4

Harmonies

Analogous

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



CF8A53



AF9847



86A353

Triad

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



AF9847



00ADC2



CD7FC0

Complementary

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



AF9847



475EAF

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.



A08EDD



AF9847



00A7DF

Square

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



AF9847



00AE9B



599DE9



E37898

Rectangle

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



AF9847



65A966



599DE9



C184CB

Sweetspot

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



AF9847



E3DABA



AF475F



736D5A



F2F2F2



737373

Same Dimension

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



AF9847



E3BF42



93AF47



57554E



967500



171200

Inverse Universe

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



475EAF



4265E3



6347AF



4E5057



002196



000517

Previews

White Background



This preview shows how the Hex color AF9847 looks on a white background.

Color Contrast Check

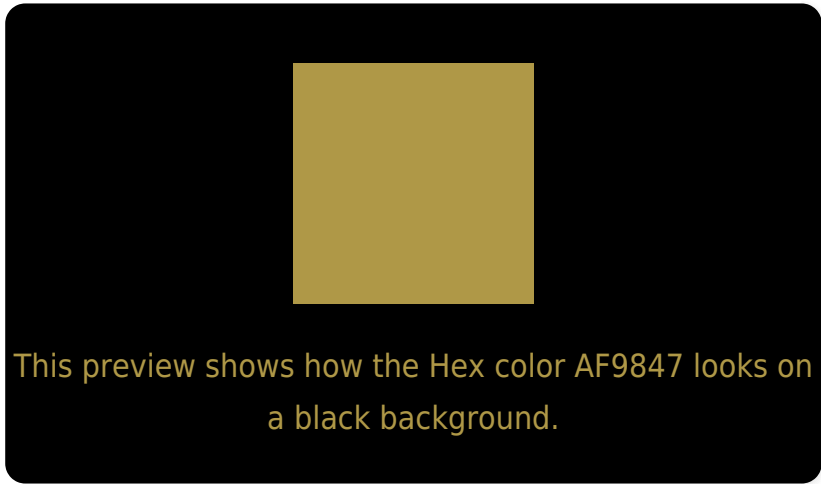
Large Text (above 18pt) WCAG AA × Fail

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 AF9847 Background



This preview shows how black text looks on a background with the Hex color AF9847.



This preview shows how white text looks on a background with the Hex color AF9847.

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
AF9847

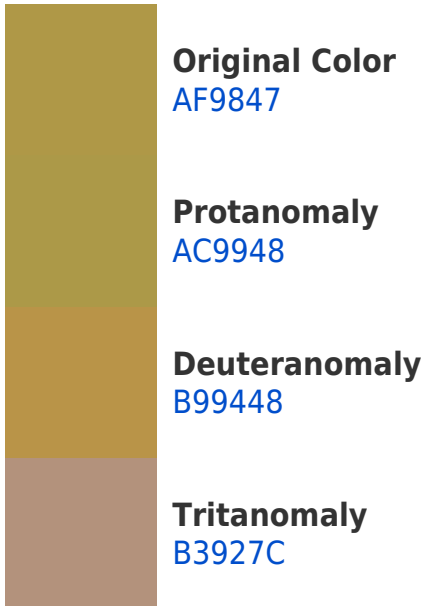
Protanopia
AA9A48

Deuteranopia
BE9249

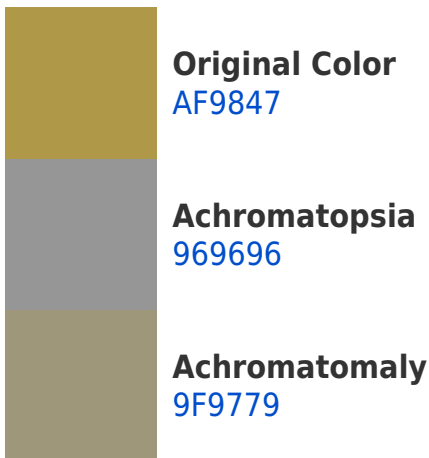


Tritanopia
B68F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF9847 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 #AF9847 looks like.

```
.text, #text, p{  
    color:#AF9847  
}
```

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 #AF9847 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF9847  
}
```

Border

The CSS property to change the border of an element to Hex AF9847 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  
#AF9847 }
```

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

```
.border{ border-color:#AF9847 }
```

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

Here you see how a box with a 4 pixel #AF9847 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF9847; -webkit-box-shadow:4px 4px  
4px 4px #AF9847; box-shadow:4px 4px 4px  
4px #AF9847 }
```

Background

The CSS property to change the background color of an element to Hex AF9847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF9847 }
```

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

```
.background{ background-color:#AF9847 }
```

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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