

# Converting Colors

Hex(AF8939)

Have a look what the booklet for  
Hex(AF8939) contains.

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**Color**

**Hex(AF8939)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AF8939
RGB	175, 137, 57
RGB Percent	69%, 54%, 22%
CMY	0.3137, 0.4627, 0.7765
CMYK	0.00, 0.22, 0.67, 0.31
HSL	41°, 51%, 45%
HSV	41°, 67%, 69%
XYZ	27.3634, 27.3007, 7.6982
YIQ	139.2420, 48.3280, -16.8240

# Conversions

## Conversions Part 2

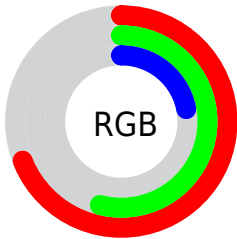
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 175, 57
Decimal	11503929
CIE <sub>Lab</sub>	59.25, 5.79, 47.04
CIE <sub>LCh</sub>	59, 47.399, 82.982
Yxy	27.3007, 0.4388, 0.4378
Android (android.graphics.Color)	4289694009 (0xFFAF8939)
YUV	139.2420, -40.5453, 31.3598
Hunter-Lab	52.2501, 2.0429, 27.8396

# Details

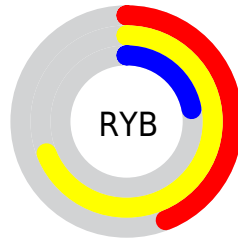
The Hex color **AF8939** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **395FAF**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **E9BE6C**, and **775701** is the 20% darker color. If you saturate the color by 10%, you get **AF8327**, and if you desaturate by 10%, it is **AF8F4B**.

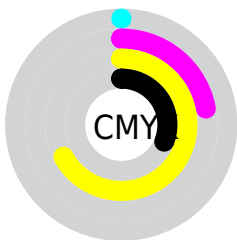
# Distribution



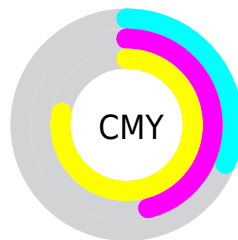
- Red (69%)
- Green (54%)
- Blue (22%)



- Red (44%)
- Yellow (69%)
- Blue (22%)



- Cyan (0%)
- Magenta (22%)
- Yellow (67%)
- Black (31%)



- Cyan (31%)
- Magenta (46%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF8939 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 AF8939 by changing the saturation by 10% instead.



 AF8939

 AF8939

FFFFFF

 93701F

 E9BE6C

 775701

 FFDA86

 5C4000

 FFF6A1

 412B00

 FFFFBC

 281600

 FFFFD9

 070000

 FFFFF5

 000000

 AF8939

 AF8939

 AF8327

 AF8F4B

 AF7E16

 AF945C

 AF7804

 AF9A6E

 AF7700

 AFA07F

 AFA591

 AFABA2

 AFB0B4

 AFB6C5

 AFBCD7

# Harmonies

## Analogous

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



CD794D



AF8939



87963E

# Triad

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



AF8939



00A3AE



B877C1

# Complementary

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



AF8939



395FAF

# 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.



8188DB



AF8939



009FD0

# Square

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



AF8939



00A383



0796E1



D66C9A

# Rectangle

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



AF8939



679C4F



0796E1



A97CCC



# Sweetspot

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



AF8939



E3D4B6



AF3960



736A57



F2F2F2



737373



# Same Dimension

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



AF8939



E3A82B



9BAF39



57544E



966600



171000



# Inverse Universe

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



395FAF



2B66E3



4D39AF



4E5157



003096

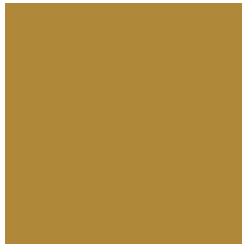


000717



# Previews

## White Background



This preview shows how the Hex color AF8939 looks on a white background.

## Color Contrast Check

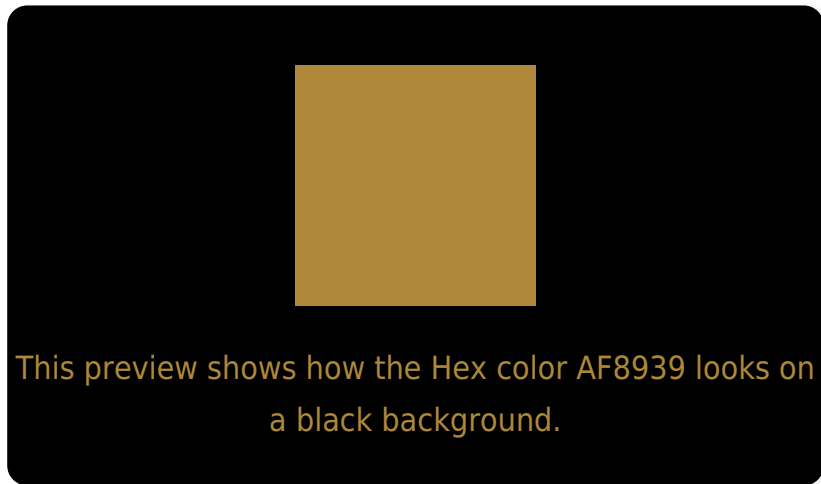
Large Text (above 18pt) WCAG AA ✓ Pass

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 AF8939 Background



This preview shows how black text looks on a background with the Hex color AF8939.



This preview shows how white text looks on a background with the Hex color AF8939.

# 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**  
AF8939

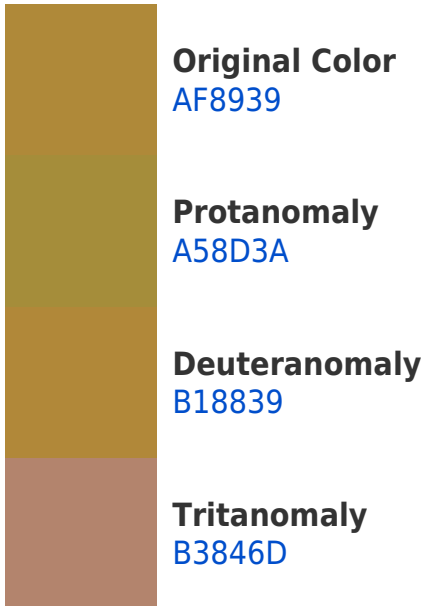
**Protanopia**  
9F8F3B

**Deuteranopia**  
B28839

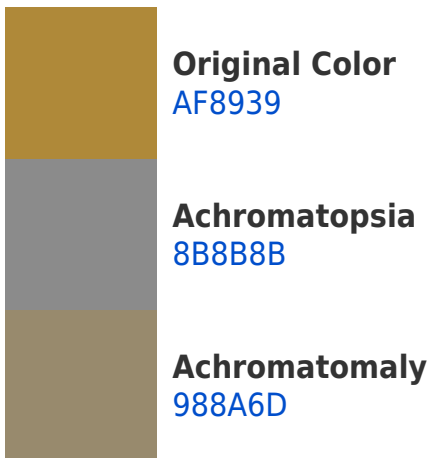


**Tritanopia**  
B5818A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF8939 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 #AF8939 looks like.

```
.text, #text, p{  
    color:#AF8939  
}
```

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 #AF8939 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF8939
}
```

## Border

The CSS property to change the border of an element to Hex AF8939 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
#AF8939 }
```

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

```
.border{ border-color:#AF8939 }
```

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

Here you see how a box with a 4 pixel #AF8939 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF8939; -webkit-box-shadow:4px 4px  
4px 4px #AF8939; box-shadow:4px 4px 4px  
4px #AF8939 }
```

# Background

The CSS property to change the background color of an element to Hex AF8939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF8939 }
```

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

```
.background{ background-color:#AF8939 }
```

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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