

# Converting Colors

Hex(AF830D)

Have a look what the booklet for  
Hex(AF830D) contains.

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**Color**

**Hex(AF830D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF830D
RGB	175, 131, 13
RGB Percent	69%, 51%, 5%
CMY	0.3137, 0.4863, 0.9490
CMYK	0.00, 0.25, 0.93, 0.31
HSL	44°, 86%, 37%
HSV	44°, 93%, 69%
XYZ	25.8681, 25.3756, 3.9154
YIQ	130.7040, 64.1020, -27.3700

# Conversions

## Conversions Part 2

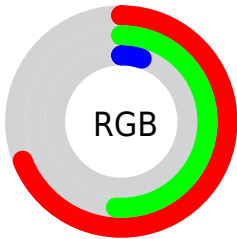
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 175, 13
Decimal	11502349
CIELab	57.44, 7.48, 60.61
CIELCh	57, 61.066, 82.968
Yxy	25.3756, 0.4690, 0.4600
Android (android.graphics.Color)	4289692429 (0xFFAF830D)
YUV	130.7040, -58.0281, 38.8476
Hunter-Lab	50.3742, 3.5083, 30.6536

# Details

The Hex color **AF830D** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **0D39AF**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **EBB84A**, and **765200** is the 20% darker color. If you saturate the color by 10%, you get **AF7F00**, and if you desaturate by 10%, it is **AF881F**.

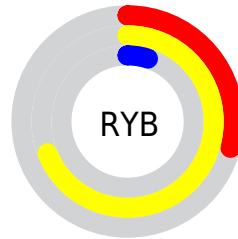
# Distribution



Red (69%)

Green (51%)

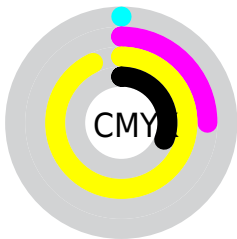
Blue (5%)



Red (29%)

Yellow (69%)

Blue (5%)

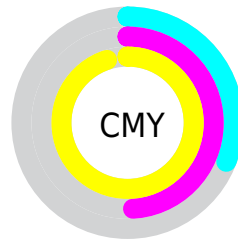


Cyan (0%)

Magenta (25%)

Yellow (93%)

Black (31%)



Cyan (31%)

Magenta (49%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF830D 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 AF830D by changing the saturation by 10% instead.



 AF830D

 AF830D

FFFFFF

 926A00

 EBB84A

 765200

 FFD365

 5A3B00

 FFEF80

 3F2600

 FFFF9B

 251200

 FFFFB7

 000000

 FFFFD3

 FFFFF0

 AF830D

 AF830D

■ AF7F00

■ AF881F

■ AF8D30

■ AF9142

■ AF9653

■ AF9B65

■ AFA076

■ AFA488

■ AFA999

■ AFAEAB

# Harmonies

## Analogous

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



D56D34



AF830D



7D9318

# Triad

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



AF830D



00A3B2



BE69CB

# Complementary

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



AF830D



0D39AF

# 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.



7281ED



AF830D



009FDE

# Square

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



AF830D



00A27B



0094F4



E35799

# Rectangle

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



AF830D



529B35



0094F4



AA71D9



# Sweetspot

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



AF830D



E3D2A3



AF0D3B



73684C



F2F2F2



737373



# Same Dimension

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



AF830D



E3A500



8CAF0D



57544E



966E00



171100



# Inverse Universe

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



0D39AF



003EE3



300DAF



4E5057



002996

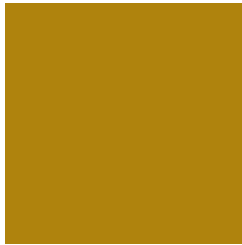


000617



# Previews

## White Background



This preview shows how the Hex color AF830D looks on a white background.

## Color Contrast Check

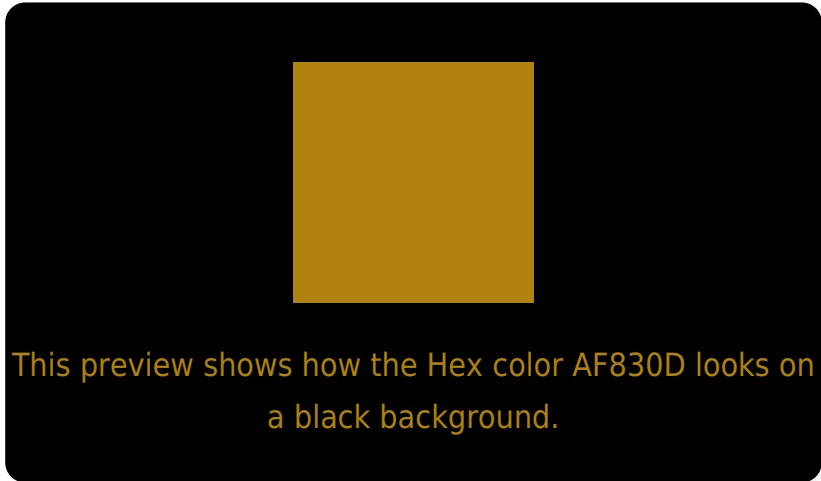
Large Text (above 18pt) WCAG AA ✓ Pass

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 AF830D Background



This preview shows how black text looks on a background with the Hex color AF830D.



This preview shows how white text looks on a background with the Hex color AF830D.

# 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**  
AF830D

**Protanopia**  
9C8B10

**Deuteranopia**  
AF830D

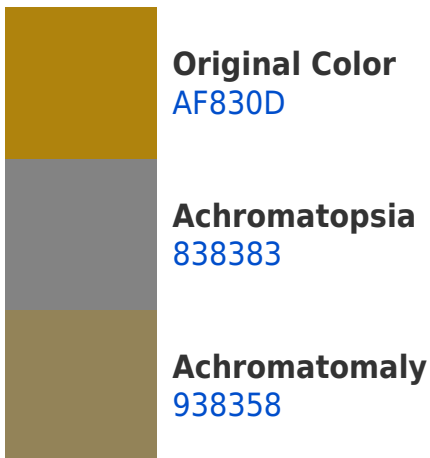


**Tritanopia**  
B57A83

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF830D 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 #AF830D looks like.

```
.text, #text, p{  
    color:#AF830D  
}
```

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 #AF830D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF830D
}
```

## Border

The CSS property to change the border of an element to Hex AF830D 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
#AF830D }
```

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

```
.border{ border-color:#AF830D }
```

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

Here you see how a box with a 4 pixel #AF830D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF830D; -webkit-box-shadow:4px 4px  
4px 4px #AF830D; box-shadow:4px 4px 4px  
4px #AF830D }
```

# Background

The CSS property to change the background color of an element to Hex AF830D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF830D }
```

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

```
.background{ background-color:#AF830D }
```

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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