

Converting Colors

Hex(AF831B)

Have a look what the booklet for
Hex(AF831B) contains.

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Color

Hex(AF831B)

Conversions

Conversions Part 1

Format	Color
Hex	AF831B
RGB	175, 131, 27
RGB Percent	69%, 51%, 11%
CMY	0.3137, 0.4863, 0.8941
CMYK	0.00, 0.25, 0.85, 0.31
HSL	42°, 73%, 40%
HSV	42°, 85%, 69%
XYZ	25.9933, 25.4257, 4.5746
YIQ	132.3000, 59.6080, -23.0160

Conversions

Conversions Part 2

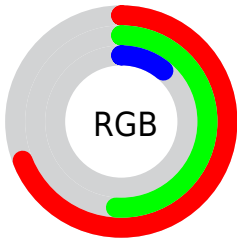
Format	Color
RYB	90, 175, 27
Decimal	11502363
CIELab	57.49, 7.79, 57.18
CIELCh	57, 57.703, 82.242
Yxy	25.4257, 0.4642, 0.4541
Android (android.graphics.Color)	4289692443 (0xFFAF831B)
YUV	132.3000, -51.9129, 37.4479
Hunter-Lab	50.4239, 3.7743, 29.9178

Details

The Hex color **AF831B** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **1B47AF**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **EAB852**, and **765200** is the 20% darker color. If you saturate the color by 10%, you get **AF7E09**, and if you desaturate by 10%, it is **AF882D**.

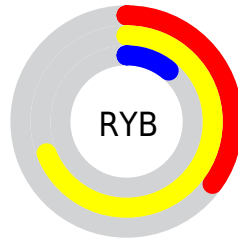
Distribution



Red (69%)

Green (51%)

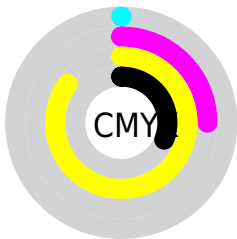
Blue (11%)



Red (35%)

Yellow (69%)

Blue (11%)

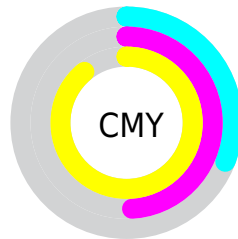


Cyan (0%)

Magenta (25%)

Yellow (85%)

Black (31%)



Cyan (31%)

Magenta (49%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF831B 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 AF831B by changing the saturation by 10% instead.



AF831B



AF831B

FFFFFF



926A00



EAB852



765200



FFD36C



5A3B00



FFF087



3F2600



FFFFA3



261200



FFFFBE



000000



FFFFDB



FFFFF8



AF831B



AF831B

■ AF7E09

■ AF882D

■ AF7B00

■ AF8D3E

■ AF9350

■ AF9861

■ AF9D73

■ AFA284

■ AFA796

■ AFADA7

■ AFB2B9

Harmonies

Analogous

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



D36F3B



AF831B



809322

Triad

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



AF831B



00A2AF



BA6CC8

Complementary

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



AF831B



1B47AF

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.



7282E8



AF831B



009ED9

Square

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



AF831B



00A17B



0094EE



DE5B99

Rectangle

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



AF831B



589A3A



0094EE



A774D5

Sweetspot

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



AF831B



E3D2AA



AF1B47



736950



F2F2F2



737373

Same Dimension

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



AF831B



E39F00



91AF1B



57544E



966A00



171000

Inverse Universe

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



1B47AF



0043E3



391BAF



4E5157



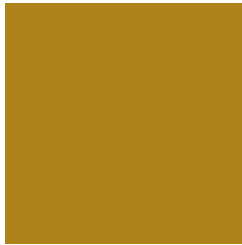
002D96



000717

Previews

White Background



This preview shows how the Hex color AF831B looks on a white background.

Color Contrast Check

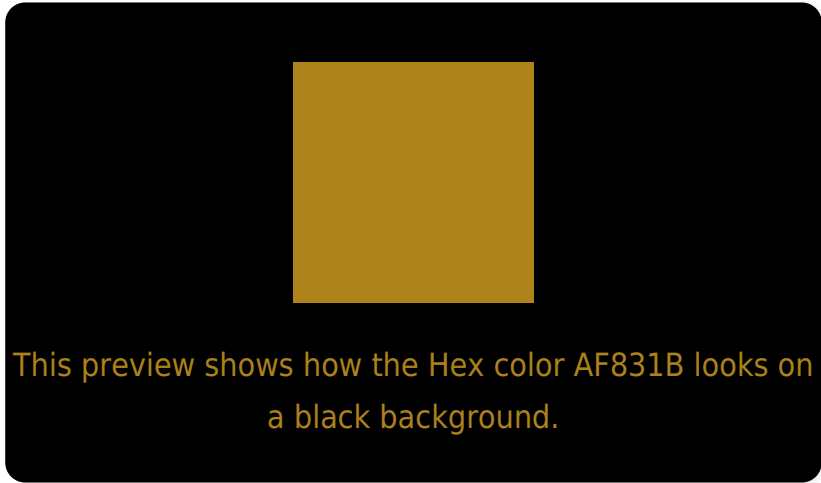
Large Text (above 18pt) WCAG AA ✓ Pass

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 AF831B Background



This preview shows how black text looks on a background with the Hex color AF831B.



This preview shows how white text looks on a background with the Hex color AF831B.

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
AF831B

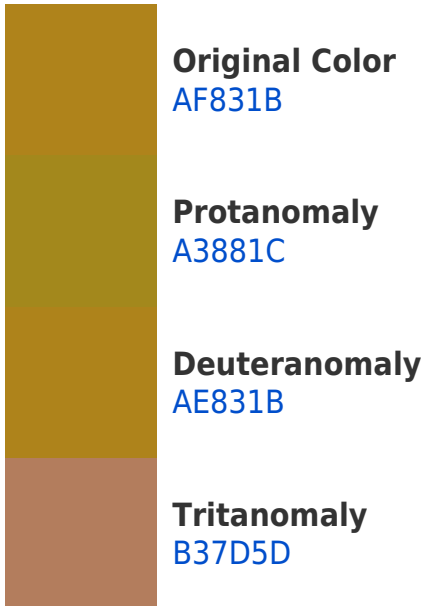
Protanopia
9C8B1D

Deuteranopia
AE831B

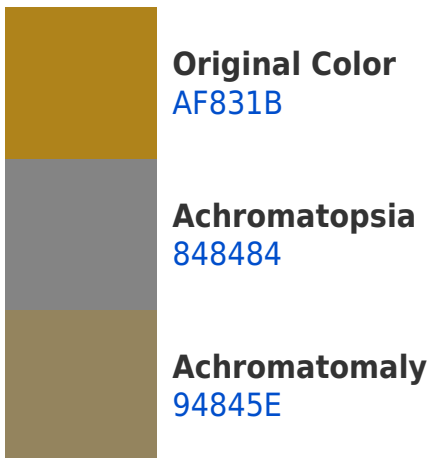


Tritanopia
B57A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF831B 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 #AF831B looks like.

```
.text, #text, p{  
    color:#AF831B  
}
```

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 #AF831B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF831B
}
```

Border

The CSS property to change the border of an element to Hex AF831B 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
#AF831B }
```

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

```
.border{ border-color:#AF831B }
```

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

Here you see how a box with a 4 pixel #AF831B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF831B; -webkit-box-shadow:4px 4px  
4px 4px #AF831B; box-shadow:4px 4px 4px  
4px #AF831B }
```

Background

The CSS property to change the background color of an element to Hex AF831B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF831B }
```

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

```
.background{ background-color:#AF831B }
```

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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