

Converting Colors

Hex(AFAF2C)

Have a look what the booklet for
Hex(AFAF2C) contains.

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Color

Hex(AFAF2C)

Conversions

Conversions Part 1

Format	Color
Hex	AFAF2C
RGB	175, 175, 44
RGB Percent	69%, 69%, 17%
CMY	0.3137, 0.3137, 0.8275
CMYK	0.00, 0.00, 0.75, 0.31
HSL	60°, 60%, 43%
HSV	60°, 75%, 69%
XYZ	33.4638, 39.9558, 8.3314
YIQ	160.0660, 42.0510, -40.7410

Conversions

Conversions Part 2

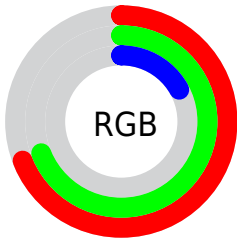
Format	Color
RYB	44, 175, 44
Decimal	11513644
CIELab	69.44, -15.21, 62.40
CIELCh	69, 64.225, 103.696
Yxy	39.9558, 0.4093, 0.4887
Android (android.graphics.Color)	4289703724 (0xFFAFAF2C)
YUV	160.0660, -57.2205, 13.0971
Hunter-Lab	63.2106, -16.1203, 36.4328

Details

The Hex color **AFAF2C** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2C2CAF**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **E9E664**, and **777B00** is the 20% darker color. If you saturate the color by 10%, you get **AFAF1B**, and if you desaturate by 10%, it is **AFAF3E**.

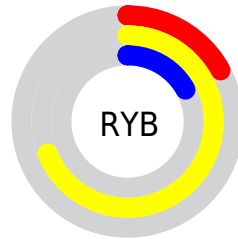
Distribution



Red (69%)

Green (69%)

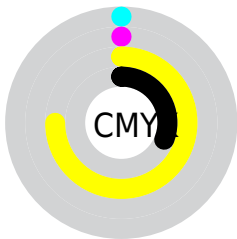
Blue (17%)



Red (17%)

Yellow (69%)

Blue (17%)

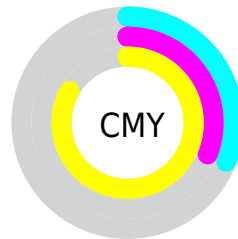


Cyan (0%)

Magenta (0%)

Yellow (75%)

Black (31%)



Cyan (31%)

Magenta (31%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF2F2C 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 AF2F2C by changing the saturation by 10% instead.

 AFAF2C

 AFAF2C

FFFFFF

 939404

 E9E664

 777B00

 FFFF7F

 5C6200

 FFFF9B

 414A00

 FFFFB7

 273400

 FFFFD4

 0D1F00

 FFFFF1

 000000

 AFAF2C

 AFAF2C

 AFAF1B

 AFAF3E

 AFAF09

 AFAF4F

 AFAF00

 AFAF61

 AFAF72

 AFAF84

 AFAF95

 AFAFA7

 AFAFB8

 AFAFCA

Harmonies

Analogous

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



E29B33



AFAF2C



6DBC50

Triad

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



AFAF2C



00C3F9



FF79CC

Complementary

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



AFAF2C



2C2CAF

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.



CF8FFE



AFAF2C



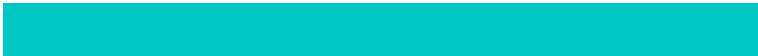
00B9FF

Square

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



AFAF2C



00C6C3



6CA7FF



FF7491

Rectangle

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



AFAF2C



1BC273



6CA7FF



F67FDE

Sweetspot

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



AFAF2C



E3E3B1



AF2C2C



737355



F2F2F2



737373

Same Dimension

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



AFAF2C



E3E317



6EAF2C



57574E



969600



171700

Inverse Universe

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



2C2CAF



1717E3



6E2CAF



4E4E57



000096



000017

Previews

White Background



This preview shows how the Hex color AFAF2C looks on a white background.

Color Contrast Check

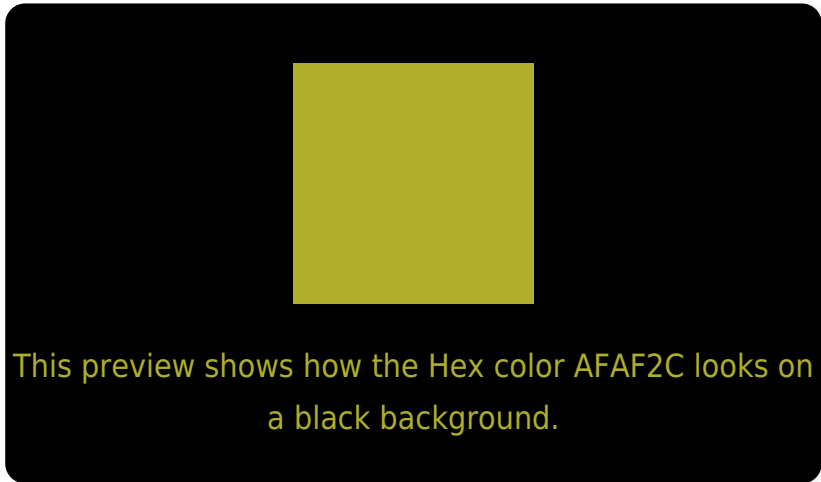
Large Text (above 18pt) WCAG AA × Fail

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 AFAF2C Background



This preview shows how black text looks on a background with the Hex color AFAF2C.



This preview shows how white text looks on a background with the Hex color AFAF2C.

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
AFAF2C

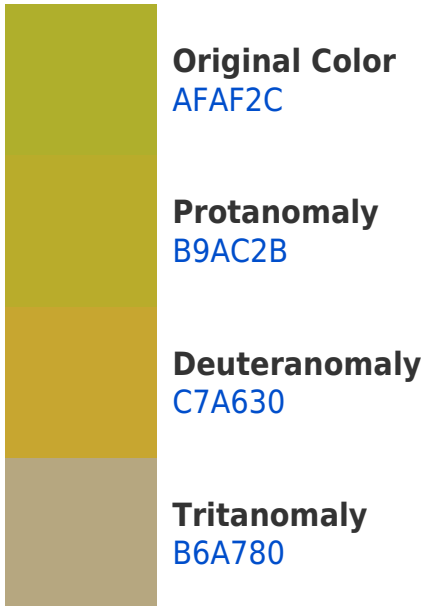
Protanopia
BEAA2B

Deuteranopia
D5A132

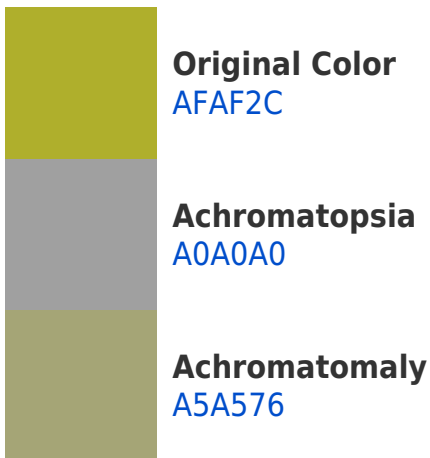


Tritanopia
BAA3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF2C 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 #AF2C looks like.

```
.text, #text, p{  
    color:#AF2C  
}
```

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 #AFAF2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFAF2C
}
```

Border

The CSS property to change the border of an element to Hex AFAF2C 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
#AFAF2C }
```

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

```
.border{ border-color:#AFAF2C }
```

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

Here you see how a box with a 4 pixel #AFAF2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFAF2C; -webkit-box-shadow:4px 4px  
4px 4px #AFAF2C; box-shadow:4px 4px 4px  
4px #AFAF2C }
```

Background

The CSS property to change the background color of an element to Hex AF2C2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF2C2C }
```

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

```
.background{ background-color:#AF2C2C }
```

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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