

Converting Colors

Hex(AF8820)

Have a look what the booklet for
Hex(AF8820) contains.

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Color

Hex(AF8820)

Conversions

Conversions Part 1

Format	Color
Hex	AF8820
RGB	175, 136, 32
RGB Percent	69%, 53%, 13%
CMY	0.3137, 0.4667, 0.8745
CMYK	0.00, 0.22, 0.82, 0.31
HSL	44°, 69%, 41%
HSV	44°, 82%, 69%
XYZ	26.7441, 26.8266, 5.1350
YIQ	135.8050, 56.6280, -24.0760

Conversions

Conversions Part 2

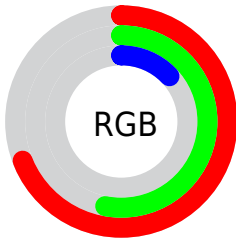
Format	Color
R_{YB}	86, 175, 32
Decimal	11503648
CIE _{Lab}	58.81, 5.17, 56.73
CIE _{LCh}	59, 56.965, 84.793
Yxy	26.8266, 0.4556, 0.4570
Android (android.graphics.Color)	4289693728 (0xFFAF8820)
YUV	135.8050, -51.1759, 34.3740
Hunter-Lab	51.7944, 1.5285, 30.3779

Details

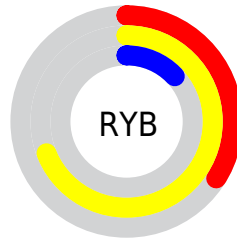
The Hex color **AF8820** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **2047AF**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **EABD56**, and **765700** is the 20% darker color. If you saturate the color by 10%, you get **AF830E**, and if you desaturate by 10%, it is **AF8D31**.

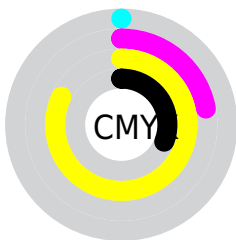
Distribution



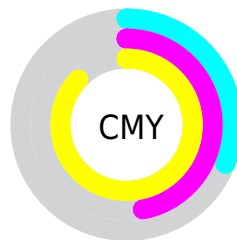
- Red (69%)
- Green (53%)
- Blue (13%)



- Red (34%)
- Yellow (69%)
- Blue (13%)



- Cyan (0%)
- Magenta (22%)
- Yellow (82%)
- Black (31%)



- Cyan (31%)
- Magenta (47%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF8820 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 AF8820 by changing the saturation by 10% instead.

 AF8820

 AF8820

FFFFFF

 926F00

 EABD56

 765700

 FFD971

 5B4000

 FFF58C

 402A00

 FFFFA7

 261600

 FFFFC3

 000000

 FFFFEO

 FFFFFD

 AF8820

 AF8820

■ AF830E

■ AF8D31

■ AF7F00

■ AF9243

■ AF9654

■ AF9B66

■ AFA078

■ AFA589

■ AFA99B

■ AFAEAC

■ AFB3BD

Harmonies

Analogous

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



D4743C



AF8820



7F972A

Triad

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



AF8820



00A5B6



C26EC8

Complementary

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



AF8820



2047AF

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.



7F84E9



AF8820



00A1DE

Square

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



AF8820



00A583



0096F1



E35F98

Rectangle

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



AF8820



579E42



0096F1



B075D5

Sweetspot

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



AF8820



E3D3AA



AF2049



736950



F2F2F2



737373

Same Dimension

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



AF8820



E3A605



90AF20



57544E



966D00



171100

Inverse Universe

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



2047AF



0541E3



3F20AF



4E5057



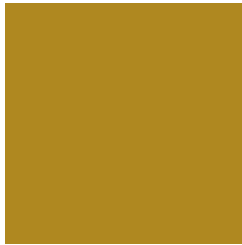
002996



000617

Previews

White Background



This preview shows how the Hex color AF8820 looks on a white background.

Color Contrast Check

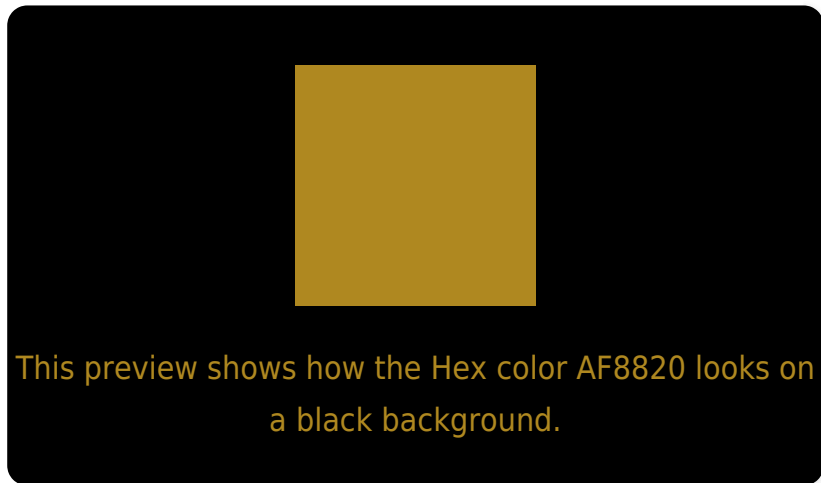
Large Text (above 18pt) WCAG AA ✓ Pass

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 AF8820 Background



This preview shows how black text looks on a background with the Hex color AF8820.



This preview shows how white text looks on a background with the Hex color AF8820.

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
AF8820

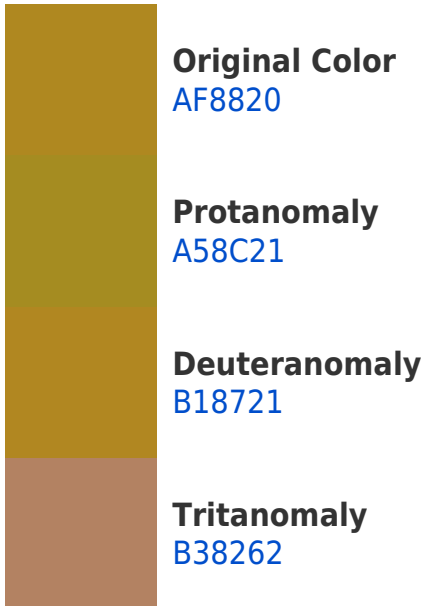
Protanopia
9F8E22

Deuteranopia
B28721

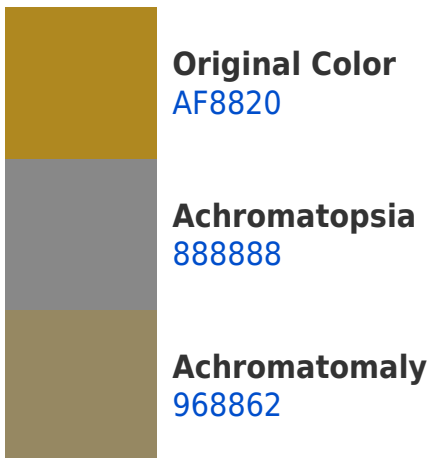


Tritanopia
B67F88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF8820 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 #AF8820 looks like.

```
.text, #text, p{  
    color:#AF8820  
}
```

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 #AF8820 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF8820
}
```

Border

The CSS property to change the border of an element to Hex AF8820 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
#AF8820 }
```

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

```
.border{ border-color:#AF8820 }
```

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

Here you see how a box with a 4 pixel #AF8820 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF8820; -webkit-box-shadow:4px 4px  
4px 4px #AF8820; box-shadow:4px 4px 4px  
4px #AF8820 }
```

Background

The CSS property to change the background color of an element to Hex AF8820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF8820 }
```

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

```
.background{ background-color:#AF8820 }
```

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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