

Converting Colors

Hex(AF201B)

Have a look what the booklet for
Hex(AF201B) contains.

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Color

Hex(AF201B)

Conversions

Conversions Part 1

Format	Color
Hex	AF201B
RGB	175, 32, 27
RGB Percent	69%, 13%, 11%
CMY	0.3137, 0.8745, 0.8941
CMYK	0.00, 0.82, 0.85, 0.31
HSL	2°, 73%, 40%
HSV	2°, 85%, 69%
XYZ	18.3935, 10.2261, 2.0413
YIQ	74.1870, 86.8330, 28.7610

Conversions

Conversions Part 2

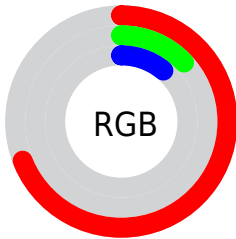
Format	Color
R_{YB}	175, 32, 27
Decimal	11477019
CIE _{Lab}	38.25, 55.39, 40.40
CIE _{LCh}	38, 68.558, 36.101
Yxy	10.2261, 0.5999, 0.3335
Android (android.graphics.Color)	4289667099 (0xFFAF201B)
YUV	74.1870, -23.2632, 88.4130
Hunter-Lab	31.9783, 46.7091, 18.6001

Details

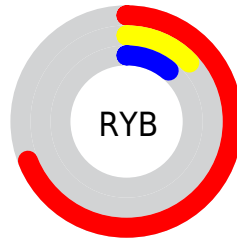
The Hex color **AF201B** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **1BAAAF**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **EE5C48**, and **710000** is the 20% darker color. If you saturate the color by 10%, you get **AF0F09**, and if you desaturate by 10%, it is **AF312D**.

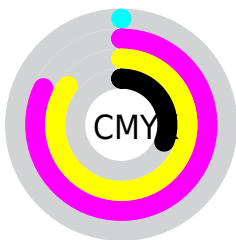
Distribution



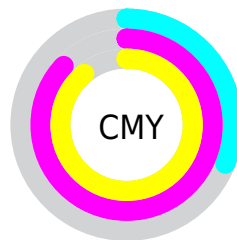
- Red (69%)
- Green (13%)
- Blue (11%)



- Red (69%)
- Yellow (13%)
- Blue (11%)



- Cyan (0%)
- Magenta (82%)
- Yellow (85%)
- Black (31%)



- Cyan (31%)
- Magenta (87%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF201B 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 AF201B by changing the saturation by 10% instead.

 AF201B

 AF201B

FFFFFF

 900004

 EE5C48

 710000

 FF7761

 530000

 FF937A

 380002

 FFAF94

 0C0000

 FFCCAF

 000000

 FFE9CA

 FFFF66

 AF201B

 AF201B

■ AF0F09

■ AF312D

■ AF0600

■ AF423E

■ AF5350

■ AF6461

■ AF7573

■ AF8584

■ AF9696

■ AFA7A7

■ AFB8B9

Harmonies

Analogous

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



B80051



AF201B



914500

Triad

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



AF201B



006E29



005ECA

Complementary

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



AF201B



1BAAAF

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.



006CC1



AF201B



007164

Square

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



AF201B



246800



00709B



6444B5

Rectangle

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



AF201B



755500



00709B



0064CB

Sweetspot

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



AF201B



E3ACAA



AF1BAA



735150



F2F2F2



737373

Same Dimension

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



AF201B



E30800



AF6A1B



574E4E



960500



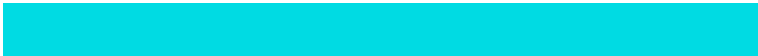
170100

Inverse Universe

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



1BAAAF



00DBE3



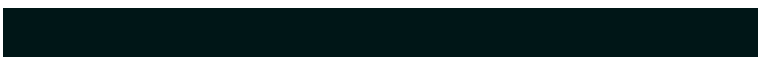
1B60AF



4E5657



009196



001617

Previews

White Background



This preview shows how the Hex color AF201B looks on a white background.

Color Contrast Check

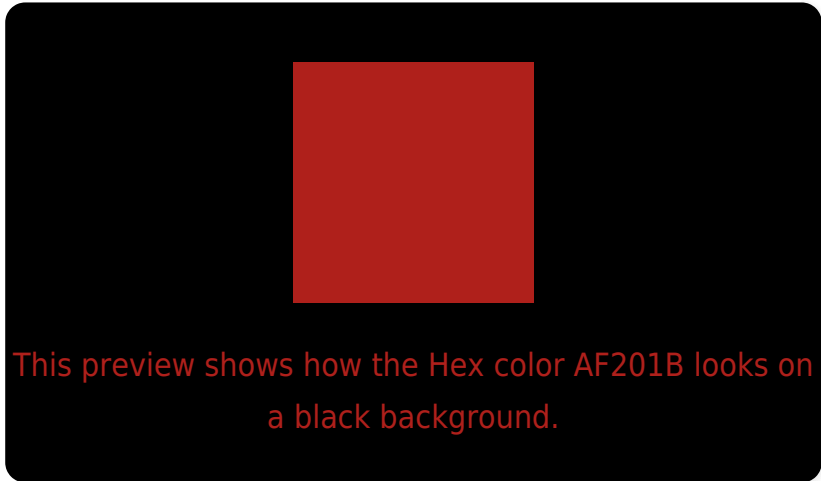
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex AF201B Background



This preview shows how black text looks on a background with the Hex color AF201B.



This preview shows how white text looks on a background with the Hex color AF201B.

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
AF201B

Protanopia
655C2A

Deuteranopia
745700

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF201B 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 #AF201B looks like.

```
.text, #text, p{  
    color:#AF201B  
}
```

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 #AF201B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF201B
}
```

Border

The CSS property to change the border of an element to Hex AF201B is called "border". The border property can be set on classes, ids or directly on the HTML element.

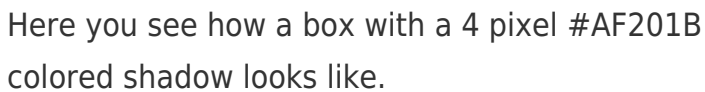
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF201B }
```

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

```
.border{ border-color:#AF201B }
```

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



Here you see how a box with a 4 pixel `#AF201B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF201B; -webkit-box-shadow:4px 4px  
4px 4px #AF201B; box-shadow:4px 4px 4px  
4px #AF201B }
```

Background

The CSS property to change the background color of an element to Hex AF201B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF201B }
```

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

```
.background{ background-color:#AF201B }
```

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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