

# Converting Colors

Hex(AF2909)

Have a look what the booklet for  
Hex(AF2909) contains.

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**Color**

**Hex(AF2909)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF2909
RGB	175, 41, 9
RGB Percent	69%, 16%, 4%
CMY	0.3137, 0.8392, 0.9647
CMYK	0.00, 0.77, 0.95, 0.31
HSL	12°, 90%, 36%
HSV	12°, 95%, 69%
XYZ	18.5214, 10.7196, 1.3513
YIQ	77.4180, 90.1360, 18.4560

# Conversions

## Conversions Part 2

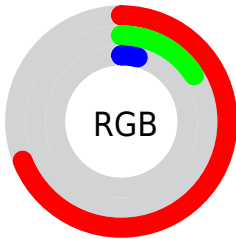
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 49, 9
Decimal	11479305
CIE <sub>Lab</sub>	39.10, 52.36, 48.70
CIE <sub>LCh</sub>	39, 71.509, 42.927
Yxy	10.7196, 0.6054, 0.3504
Android (android.graphics.Color)	4289669385 (0xFFAF2909)
YUV	77.4180, -33.7301, 85.5794
Hunter-Lab	32.7407, 43.6812, 20.4714

# Details

The Hex color **AF2909** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **098FAF**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **EE613A**, and **710000** is the 20% darker color. If you saturate the color by 10%, you get **AF2200**, and if you desaturate by 10%, it is **AF371A**.

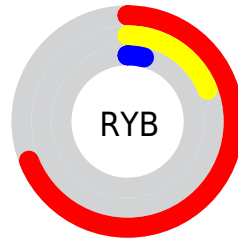
# Distribution



Red (69%)

Green (16%)

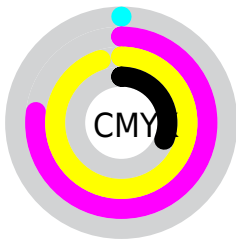
Blue (4%)



Red (69%)

Yellow (19%)

Blue (4%)

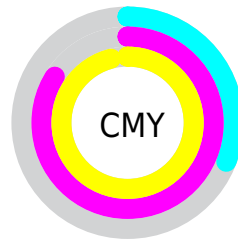


Cyan (0%)

Magenta (77%)

Yellow (95%)

Black (31%)



Cyan (31%)

Magenta (84%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF2909 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 AF2909 by changing the saturation by 10% instead.



 AF2909

 AF2909

 FFFFF5

 900000

 EE613A

 710000

 FF7D53

 530000

 FF986C

 380002

 FFB486

 0E0000

 FFD1A0

 000000

 FFEBC

 FFFFD8

 AF2909

 AF2909

■ AF2200

■ AF371A

■ AF452C

■ AF533E

■ AF624F

■ AF7061

■ AF7E72

■ AF8C84

■ AF9A95

■ AFA8A7

# Harmonies

## Analogous

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



BE0046



AF2909



8C4D00

# Triad

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



AF2909



007237



005CD0

# Complementary

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



AF2909



098FAF

# 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.



006CCD



AF2909



007475

# Square

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



AF2909



006D00



0073AB



7A3DB3

# Rectangle

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



AF2909



6C5C00



0073AB



0063D2



# Sweetspot

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



AF2909



E3B0A3



AF0991



73534C



F2F2F2



737373



# Same Dimension

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



AF2909



E32C00



AF7A09



57504E



961D00



170400



# Inverse Universe

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



098FAF



00B7E3



093EAF



4E5557



007996



001317



# Previews

## White Background



This preview shows how the Hex color AF2909 looks on a white background.

## Color Contrast Check

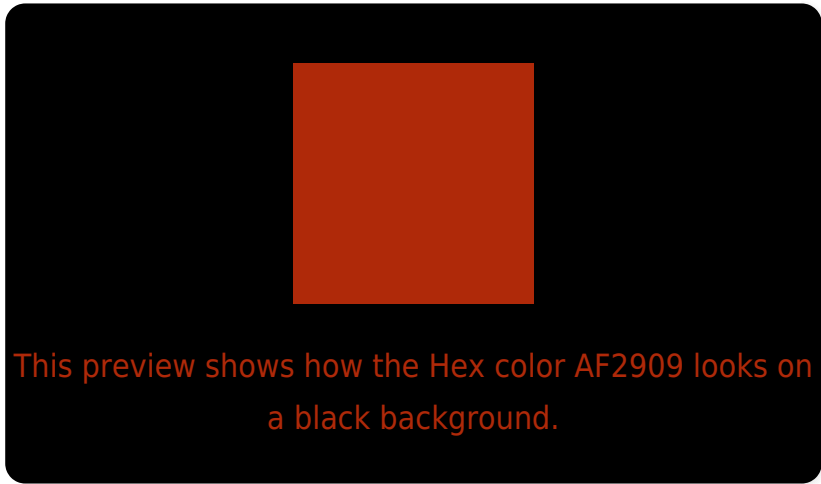
Large Text (above 18pt) WCAG AA ✓ Pass

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

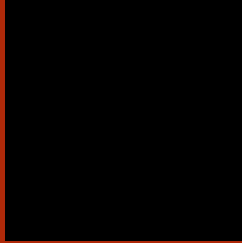
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex AF2909 Background



This preview shows how black text looks on a background with the Hex color AF2909.



This preview shows how white text looks on a background with the Hex color AF2909.

# 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**  
AF2909

**Protanopia**  
695E17

**Deuteranopia**  
765900



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF2909 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 #AF2909 looks like.

```
.text, #text, p{  
    color:#AF2909  
}
```

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 #AF2909 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF2909
}
```

## Border

The CSS property to change the border of an element to Hex AF2909 is called "border". The border property can be set on classes, ids or directly on the HTML element.

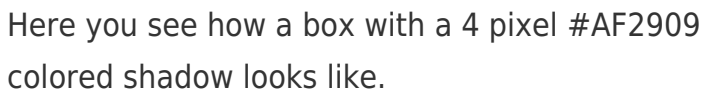
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF2909 }
```

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

```
.border{ border-color:#AF2909 }
```

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



Here you see how a box with a 4 pixel `#AF2909` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF2909; -webkit-box-shadow:4px 4px  
4px 4px #AF2909; box-shadow:4px 4px 4px  
4px #AF2909 }
```

# Background

The CSS property to change the background color of an element to Hex AF2909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF2909 }
```

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

```
.background{ background-color:#AF2909 }
```

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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