

Converting Colors

Hex(AF4A18)

Have a look what the booklet for
Hex(AF4A18) contains.

Hex(AF4A18)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AF4A18)

Conversions

Conversions Part 1

Format	Color
Hex	AF4A18
RGB	175, 74, 24
RGB Percent	69%, 29%, 9%
CMY	0.3137, 0.7098, 0.9059
CMYK	0.00, 0.58, 0.86, 0.31
HSL	20°, 76%, 39%
HSV	20°, 86%, 69%
XYZ	20.2928, 14.0775, 2.5118
YIQ	98.4990, 76.2460, 5.8620

Conversions

Conversions Part 2

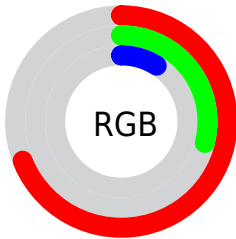
Format	Color
R_{YB}	175, 99, 24
Decimal	11487768
CIE _{Lab}	44.34, 38.74, 47.11
CIE _{LCh}	44, 60.989, 50.569
Yxy	14.0775, 0.5502, 0.3817
Android (android.graphics.Color)	4289677848 (0xFFAF4A18)
YUV	98.4990, -36.7280, 67.0914
Hunter-Lab	37.5200, 30.8827, 22.2947

Details

The Hex color **AF4A18** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **187DAF**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **ED7E49**, and **731600** is the 20% darker color. If you saturate the color by 10%, you get **AF3E06**, and if you desaturate by 10%, it is **AF5629**.

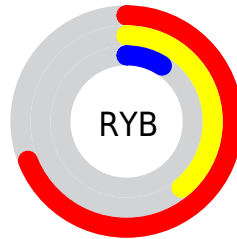
Distribution



Red (69%)

Green (29%)

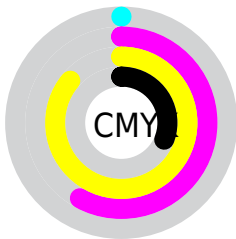
Blue (9%)



Red (69%)

Yellow (39%)

Blue (9%)

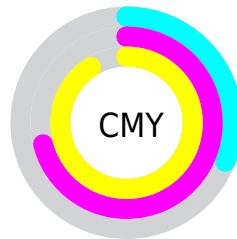


Cyan (0%)

Magenta (58%)

Yellow (86%)

Black (31%)



Cyan (31%)

Magenta (71%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF4A18 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 AF4A18 by changing the saturation by 10% instead.

 AF4A18

 AF4A18

FFFFFF

 913100

 ED7E49

 731600

 FF9862

 560000

 FFB47B

 3A0000

 FFD096

 1C0001

 FFECB1

 000000

 FFFFCD

 FFFF E9

 AF4A18

 AF4A18

■ AF3E06

■ AF5629

■ AF3A00

■ AF613B

■ AF6D4C

■ AF795E

■ AF856F

■ AF9081

■ AF9C93

■ AFA8A4

■ AFB3B6

Harmonies

Analogous

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



C13249



AF4A18



8C6100

Triad

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



AF4A18



007E57



3F62C9

Complementary

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



AF4A18



187DAF

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.



0074CE



AF4A18



007F8B

Square

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



AF4A18



097A21



007DB7



9549AA

Rectangle

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



AF4A18



6F6C00



007DB7



0069CE

Sweetspot

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



AF4A18



E3BBA8



AF187F



735B4F



F2F2F2



737373

Same Dimension

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



AF4A18



E34B00



AF9318



57514E



963200



170800

Inverse Universe

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



187DAF



0098E3



1834AF



4E5457



006596



000F17

Previews

White Background



This preview shows how the Hex color AF4A18 looks on a white background.

Color Contrast Check

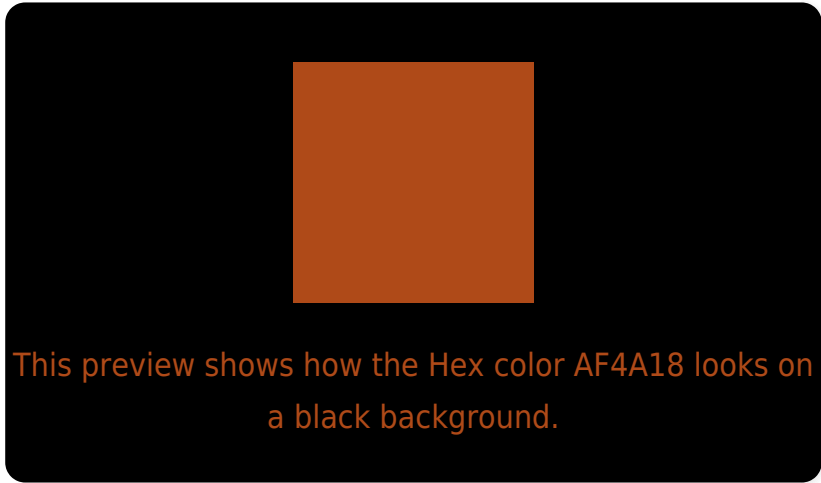
Large Text (above 18pt) WCAG AA ✓ Pass

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 AF4A18 Background



This preview shows how black text looks on a background with the Hex color AF4A18.



This preview shows how white text looks on a background with the Hex color AF4A18.

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
AF4A18

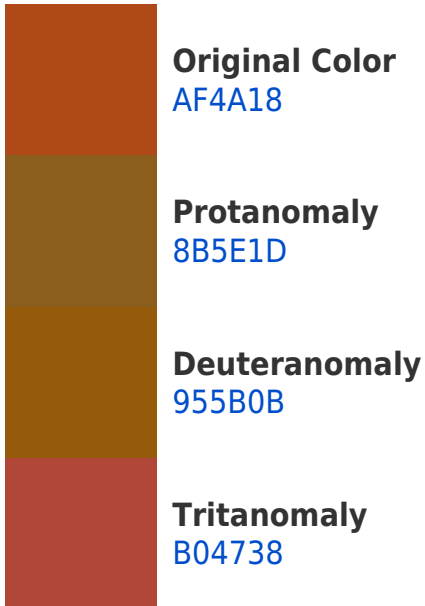
Protanopia
766A20

Deuteranopia
866403



Tritanopia
B1454A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF4A18 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 #AF4A18 looks like.

```
.text, #text, p{  
    color:#AF4A18  
}
```

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 #AF4A18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF4A18
}
```

Border

The CSS property to change the border of an element to Hex AF4A18 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
#AF4A18 }
```

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

```
.border{ border-color:#AF4A18 }
```

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

Here you see how a box with a 4 pixel #AF4A18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF4A18; -webkit-box-shadow:4px 4px  
4px 4px #AF4A18; box-shadow:4px 4px 4px  
4px #AF4A18 }
```

Background

The CSS property to change the background color of an element to Hex AF4A18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF4A18 }
```

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

```
.background{ background-color:#AF4A18 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor