

Converting Colors

Hex(AF6F03)

Have a look what the booklet for
Hex(AF6F03) contains.

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Color

Hex(AF6F03)

Conversions

Conversions Part 1

Format	Color
Hex	AF6F03
RGB	175, 111, 3
RGB Percent	69%, 44%, 1%
CMY	0.3137, 0.5647, 0.9882
CMYK	0.00, 0.37, 0.98, 0.31
HSL	38°, 97%, 35%
HSV	38°, 98%, 69%
XYZ	23.3801, 20.4894, 2.8087
YIQ	117.8240, 72.8120, -20.0200

Conversions

Conversions Part 2

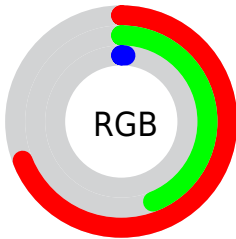
Format	Color
RYB	105, 175, 3
Decimal	11497219
CIELab	52.39, 18.52, 58.81
CIELCh	52, 61.659, 72.524
Yxy	20.4894, 0.5009, 0.4390
Android (android.graphics.Color)	4289687299 (0xFFAF6F03)
YUV	117.8240, -56.6082, 50.1434
Hunter-Lab	45.2652, 12.9834, 28.0067

Details

The Hex color **AF6F03** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0343AF**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **ECA342**, and **753F00** is the 20% darker color. If you saturate the color by 10%, you get **AF6E00**, and if you desaturate by 10%, it is **AF7614**.

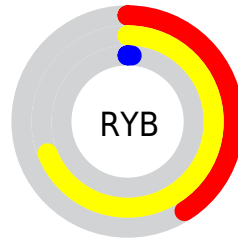
Distribution



Red (69%)

Green (44%)

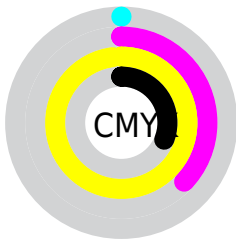
Blue (1%)



Red (41%)

Yellow (69%)

Blue (1%)

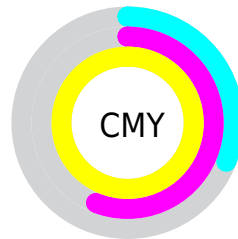


Cyan (0%)

Magenta (37%)

Yellow (98%)

Black (31%)



Cyan (31%)

Magenta (56%)

Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the Hex color AF6F03 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 AF6F03 by changing the saturation by 10% instead.

 AF6F03

 AF6F03

FFFFFF

 915700

 ECA342

 753F00

 FFBE5C

 582900

 FFDA77

 3D1400

 FFF692

 250000

 FFFFAD

 000000

 FFFFCA

 FFFF E6

 AF6F03

 AF6F03

■ AF6E00

■ AF7614

■ AF7C26

■ AF8337

■ AF8949

■ AF905B

■ AF966C

■ AF9D7E

■ AFA38F

■ AFAAA1

Harmonies

Analogous

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



CF5837



AF6F03



818100

Triad

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



AF6F03



009592



9B64CC

Complementary

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



AF6F03



0343AF

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.



297CE5



AF6F03



0093C4

Square

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



AF6F03



00935B



008BE2



CC4C9E

Rectangle

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



AF6F03



5C8A14



008BE2



816DD7

Sweetspot

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



AF6F03



E3CAA1



AF0345



73644B



F2F2F2



737373

Same Dimension

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



AF6F03



E38F00



9BAF03



57534E



965E00



170E00

Inverse Universe

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



0343AF



0054E3



1703AF



4E5157



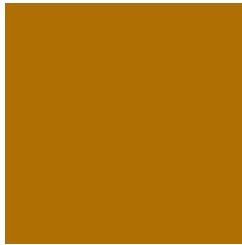
003896



000917

Previews

White Background



This preview shows how the Hex color AF6F03 looks on a white background.

Color Contrast Check

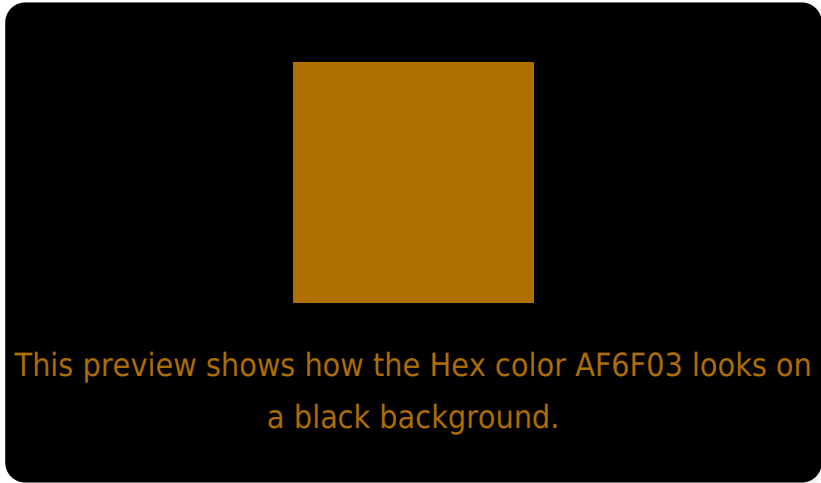
Large Text (above 18pt) WCAG AA ✓ Pass

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 AF6F03 Background



This preview shows how black text looks on a background with the Hex color AF6F03.



This preview shows how white text looks on a background with the Hex color AF6F03.

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
AF6F03

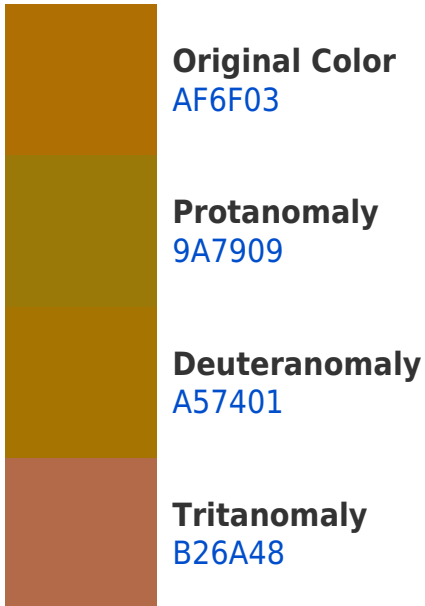
Protanopia
8E7E0D

Deuteranopia
9F7700



Tritanopia
B3676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF6F03 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 #AF6F03 looks like.

```
.text, #text, p{  
    color:#AF6F03  
}
```

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 #AF6F03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF6F03
}
```

Border

The CSS property to change the border of an element to Hex AF6F03 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
#AF6F03 }
```

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

```
.border{ border-color:#AF6F03 }
```

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

Here you see how a box with a 4 pixel #AF6F03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF6F03; -webkit-box-shadow:4px 4px  
4px 4px #AF6F03; box-shadow:4px 4px 4px  
4px #AF6F03 }
```

Background

The CSS property to change the background color of an element to Hex AF6F03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF6F03 }
```

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

```
.background{ background-color:#AF6F03 }
```

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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