

# Converting Colors

Hex(AF6011)

Have a look what the booklet for  
Hex(AF6011) contains.

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**Color**

**Hex(AF6011)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF6011
RGB	175, 96, 17
RGB Percent	69%, 38%, 7%
CMY	0.3137, 0.6235, 0.9333
CMYK	0.00, 0.45, 0.90, 0.31
HSL	30°, 82%, 38%
HSV	30°, 90%, 69%
XYZ	21.9632, 17.5202, 2.7545
YIQ	110.6150, 72.4430, -7.8210

# Conversions

## Conversions Part 2

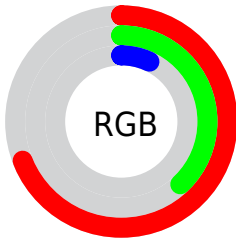
<b>Format</b>	<b>Color</b>
<b>RYB</b>	175, 175, 17
Decimal	11493393
CIELab	48.91, 27.04, 53.20
CIELCh	49, 59.680, 63.054
Yxy	17.5202, 0.5200, 0.4148
Android (android.graphics.Color)	4289683473 (0xFFAF6011)
YUV	110.6150, -46.1522, 56.4656
Hunter-Lab	41.8571, 20.4125, 25.3983

# Details

The Hex color **AF6011** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **1160AF**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **EC9347**, and **743000** is the 20% darker color. If you saturate the color by 10%, you get **AF5800**, and if you desaturate by 10%, it is **AF6922**.

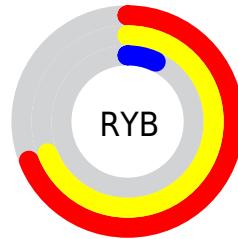
# Distribution



Red (69%)

Green (38%)

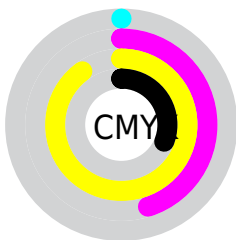
Blue (7%)



Red (69%)

Yellow (69%)

Blue (7%)

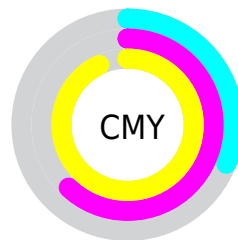


Cyan (0%)

Magenta (45%)

Yellow (90%)

Black (31%)



Cyan (31%)

Magenta (62%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF6011 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 AF6011 by changing the saturation by 10% instead.



 AF6011

 AF6011

FFFFFF

 914800

 EC9347

 743000

 FFAE60

 571900

 FFCA7A

 3C0200

 FFE695

 240001

 FFFFB0

 000000

 FFFFCC

 FFFFEE9

 AF6011

 AF6011

■ AF5800

■ AF6922

■ AF7234

■ AF7A46

■ AF8357

■ AF8C69

■ AF947A

■ AF9D8B

■ AFA69D

■ AFAFAF

# Harmonies

## Analogous

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



C84940



AF6011



877400

# Triad

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



AF6011



008B78



7A64CA

# Complementary

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



AF6011



1160AF

# 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.



0079DA



AF6011



008BAA

# Square

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



AF6011



008844



0085CE



B44CA3

# Rectangle

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



AF6011



667D00



0085CE



5A6CD2



# Sweetspot

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



AF6011



E3C4A6



AF1160



73604E



F2F2F2



737373



# Same Dimension

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



AF6011



E37100



AFAF11



57524E



964B00



170B00



# Inverse Universe

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



1160AF



0071E3



1111AF



4E5257



004B96



000B17



# Previews

## White Background



This preview shows how the Hex color AF6011 looks on a white background.

## Color Contrast Check

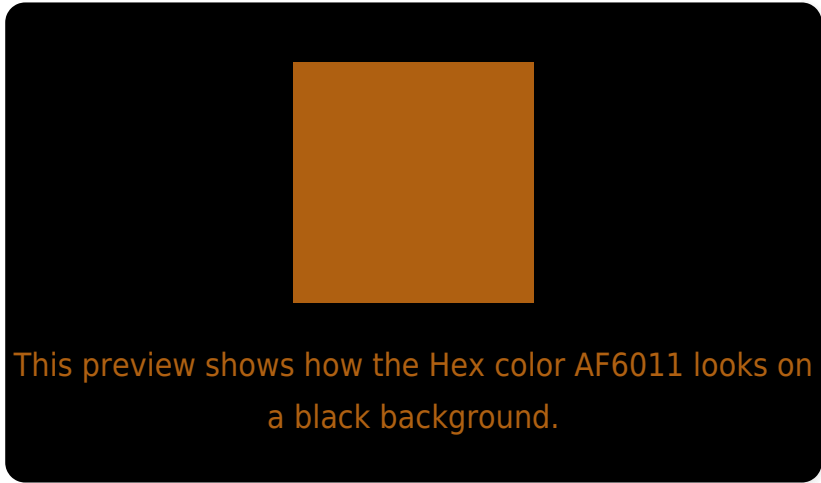
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 AF6011 Background



This preview shows how black text looks on a background with the Hex color AF6011.



This preview shows how white text looks on a background with the Hex color AF6011.

# 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**  
AF6011

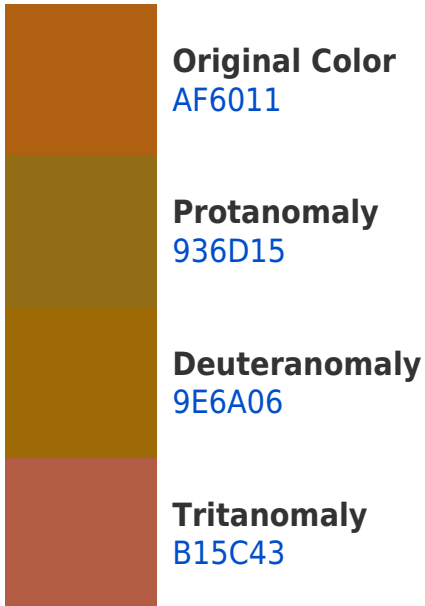
**Protanopia**  
837517

**Deuteranopia**  
946F00



**Tritanopia**  
B25960

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF6011 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 #AF6011 looks like.

```
.text, #text, p{  
    color:#AF6011  
}
```

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 #AF6011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF6011
}
```

## Border

The CSS property to change the border of an element to Hex AF6011 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
#AF6011 }
```

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

```
.border{ border-color:#AF6011 }
```

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

Here you see how a box with a 4 pixel #AF6011 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF6011; -webkit-box-shadow:4px 4px  
4px 4px #AF6011; box-shadow:4px 4px 4px  
4px #AF6011 }
```

# Background

The CSS property to change the background color of an element to Hex AF6011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF6011 }
```

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

```
.background{ background-color:#AF6011 }
```

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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