

# Converting Colors

Hex(AF6204)

Have a look what the booklet for  
Hex(AF6204) contains.

<b>Hex(AF6204)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(AF6204)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF6204
RGB	175, 98, 4
RGB Percent	69%, 38%, 2%
CMY	0.3137, 0.6157, 0.9843
CMYK	0.00, 0.44, 0.98, 0.31
HSL	33°, 96%, 35%
HSV	33°, 98%, 69%
XYZ	22.0688, 17.8581, 2.3987
YIQ	110.3070, 76.0660, -12.9100

# Conversions

## Conversions Part 2

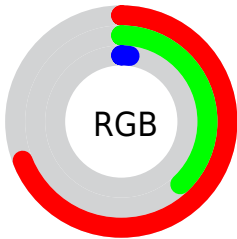
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 175, 4
Decimal	11493892
CIELab	49.32, 25.75, 56.56
CIELCh	49, 62.146, 65.524
Yxy	17.8581, 0.5214, 0.4219
Android (android.graphics.Color)	4289683972 (0xFFAF6204)
YUV	110.3070, -52.4094, 56.7358
Hunter-Lab	42.2588, 19.2649, 26.2158

# Details

The Hex color **AF6204** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0451AF**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **EC9540**, and **743200** is the 20% darker color. If you saturate the color by 10%, you get **AF6000**, and if you desaturate by 10%, it is **AF6A15**.

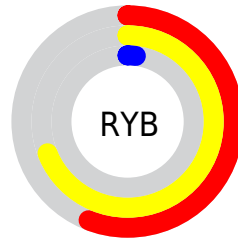
# Distribution



Red (69%)

Green (38%)

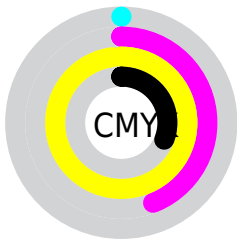
Blue (2%)



Red (56%)

Yellow (69%)

Blue (2%)

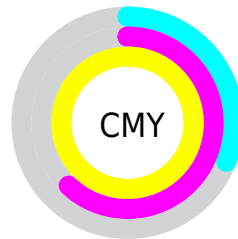


Cyan (0%)

Magenta (44%)

Yellow (98%)

Black (31%)



Cyan (31%)

Magenta (62%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF6204 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 AF6204 by changing the saturation by 10% instead.



 AF6204

 AF6204

FFFFFF

 914A00

 EC9540

 743200

 FFB05A

 571C00

 FFCC74

 3C0500

 FFE88F

 240001

 FFFFAA

 000000

 FFFFC6

 FFFFEE3

 AF6204

 AF6204

■ AF6000

■ AF6A15

■ AF7227

■ AF7A38

■ AF824A

■ AF895B

■ AF916D

■ AF997E

■ AFA190

■ AFA9A2

# Harmonies

## Analogous

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



CB4A3B



AF6204



847600

# Triad

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



AF6204



008D7E



8162CC

# Complementary

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



AF6204



0451AF

# 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.



0079DF



AF6204



008CB1

# Square

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



AF6204



008A47



0086D5



BB48A2

# Rectangle

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



AF6204



618000



0086D5



626BD5



# Sweetspot

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



AF6204



E3C5A1



AF0454



73614B



F2F2F2



737373



# Same Dimension

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



AF6204



E37D00



A9AF04



57534E



965300



170D00



# Inverse Universe

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



0451AF



0066E3



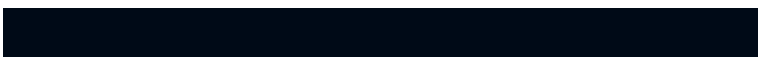
0A04AF



4E5257



004496

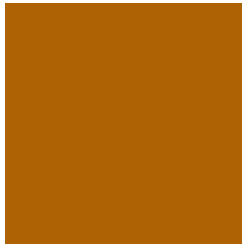


000A17



# Previews

## White Background



This preview shows how the Hex color AF6204 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 AF6204 Background



This preview shows how black text looks on a background with the Hex color AF6204.



This preview shows how white text looks on a background with the Hex color AF6204.

# 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**  
AF6204

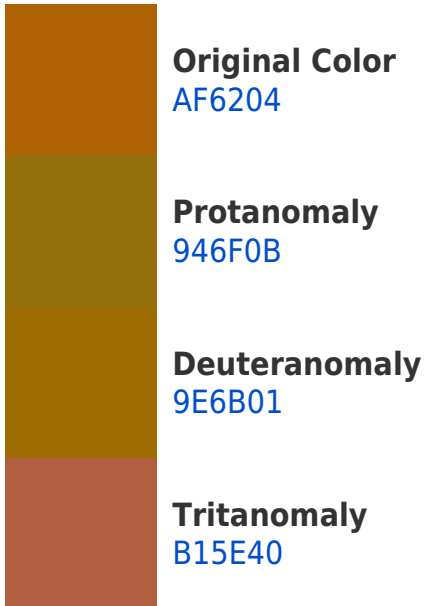
**Protanopia**  
85760F

**Deuteranopia**  
957000

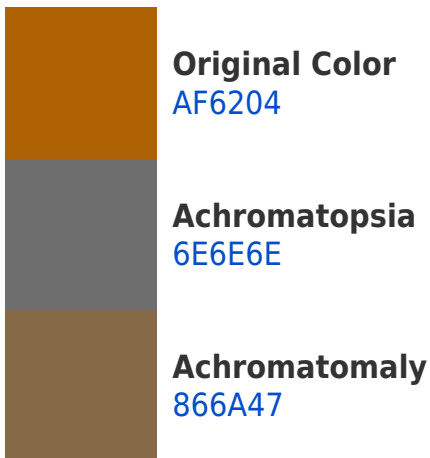


**Tritanopia**  
B25B62

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF6204 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 #AF6204 looks like.

```
.text, #text, p{  
    color:#AF6204  
}
```

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 #AF6204 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF6204
}
```

## Border

The CSS property to change the border of an element to Hex AF6204 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
#AF6204 }
```

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

```
.border{ border-color:#AF6204 }
```

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

Here you see how a box with a 4 pixel #AF6204 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF6204; -webkit-box-shadow:4px 4px  
4px 4px #AF6204; box-shadow:4px 4px 4px  
4px #AF6204 }
```

# Background

The CSS property to change the background color of an element to Hex AF6204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF6204 }
```

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

```
.background{ background-color:#AF6204 }
```

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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