

# Converting Colors

Hex(AE6F42)

Have a look what the booklet for  
Hex(AE6F42) contains.

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**Color**

**Hex(AE6F42)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE6F42
RGB	174, 111, 66
RGB Percent	68%, 44%, 26%
CMY	0.3176, 0.5647, 0.7412
CMYK	0.00, 0.36, 0.62, 0.32
HSL	25°, 45%, 47%
HSV	25°, 62%, 68%
XYZ	24.1234, 20.7609, 7.8901
YIQ	124.7070, 51.9930, -0.6390

# Conversions

## Conversions Part 2

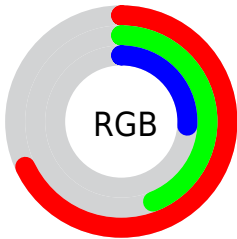
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">174, 143, 66</a>
Decimal	<a href="#">11431746</a>
<a href="#">CIELab</a>	<a href="#">52.69, 20.51, 35.04</a>
<a href="#">CIElCh</a>	<a href="#">53, 40.603, 59.666</a>
<a href="#">Yxy</a>	<a href="#">20.7609, 0.4571, 0.3934</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4289621826 (0xFFAE6F42)</a>
<a href="#">YUV</a>	<a href="#">124.7070, -28.9426, 43.2300</a>
<a href="#">Hunter-Lab</a>	<a href="#">45.5641, 14.7674, 21.6280</a>

# Details

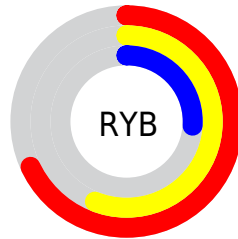
The Hex color **AE6F42** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4281AE**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **E9A373**, and **763F14** is the 20% darker color. If you saturate the color by 10%, you get **AE6531**, and if you desaturate by 10%, it is **AE7953**.

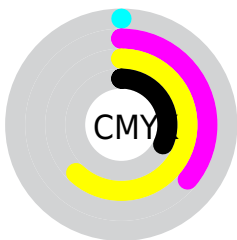
# Distribution



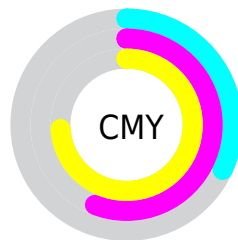
- Red (68%)
- Green (44%)
- Blue (26%)



- Red (68%)
- Yellow (56%)
- Blue (26%)



- Cyan (0%)
- Magenta (36%)
- Yellow (62%)
- Black (32%)



- Cyan (32%)
- Magenta (56%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE6F42 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 AE6F42 by changing the saturation by 10% instead.



 AE6F42

 AE6F42

FFFFFF

 91562B

 E9A373

 763F14

 FFBE8D

 5A2800

 FFDAA8

 401300

 FFF7C3

 280000

 FFFFDF

 000000

FFFFFFC

 AE6F42

 AE6F42

 AE6531

 AE7953

■ AE5B1F

■ AE8365

■ AE510E

■ AE8D76

■ AE4900

■ AE9888

■ AEA299

■ AEACAA

■ AEB6BC

■ AEC0CD

■ AECADF

# Harmonies

## Analogous

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



BE645D



AE6F42



937C36

# Triad

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



AE6F42



008F7C



7F75BA

# Complementary

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



AE6F42



4281AE

# 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.



3C82C3



AE6F42



008F9F

# Square

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



AE6F42



438C59



008AB9



A868A1

# Rectangle

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



AE6F42



7C8339



008AB9



6D79BF



# Sweetspot

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



AE6F42



E3CAB8



AE4281



736358



F2F2F2



737373



# Same Dimension

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



AE6F42



E3813B



AEA542



57524E



963F00



170A00



# Inverse Universe

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



4281AE



3B9DE3



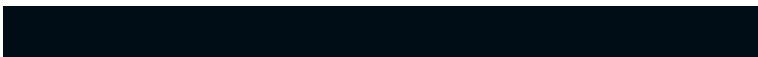
424BAE



4E5357



005896

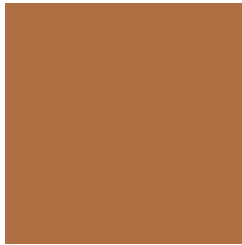


000D17



# Previews

## White Background



This preview shows how the Hex color AE6F42 looks on a white background.

## Color Contrast Check

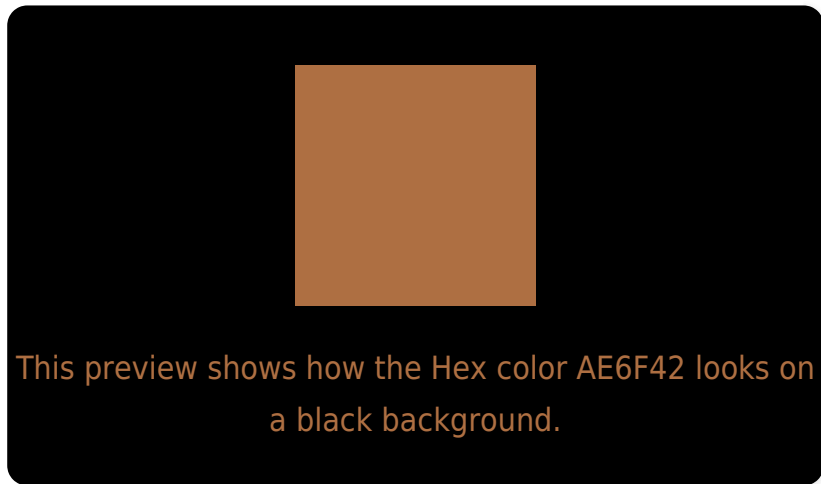
Large Text (above 18pt) WCAG AA ✓ Pass

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

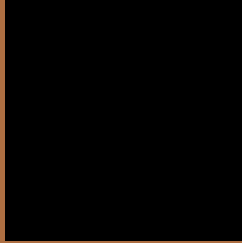
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AE6F42 Background



This preview shows how black text looks on a background with the Hex color AE6F42.



This preview shows how white text looks on a background with the Hex color AE6F42.

# 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**  
AE6F42

**Protanopia**  
8B7E47

**Deuteranopia**  
9B7840



**Tritanopia**  
B16971

# Trichromacy



**Original Color**  
AE6F42

**Protanomaly**  
987945

**Deuteranomaly**  
A27541

**Tritanomaly**  
B06B60

# Monochromacy



**Original Color**  
AE6F42

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
8F7868

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE6F42 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 #AE6F42 looks like.

```
.text, #text, p{  
    color:#AE6F42  
}
```

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 #AE6F42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE6F42
}
```

## Border

The CSS property to change the border of an element to Hex AE6F42 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
#AE6F42 }
```

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

```
.border{ border-color:#AE6F42 }
```

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

Here you see how a box with a 4 pixel #AE6F42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE6F42; -webkit-box-shadow:4px 4px  
4px 4px #AE6F42; box-shadow:4px 4px 4px  
4px #AE6F42 }
```

# Background

The CSS property to change the background color of an element to Hex AE6F42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE6F42 }
```

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

```
.background{ background-color:#AE6F42 }
```

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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