

Converting Colors

Hex(AE6F49)

Have a look what the booklet for
Hex(AE6F49) contains.

Hex(AE6F49)	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(AE6F49)

Conversions

Conversions Part 1

Format	Color
Hex	AE6F49
RGB	174, 111, 73
RGB Percent	68%, 44%, 29%
CMY	0.3176, 0.5647, 0.7137
CMYK	0.00, 0.36, 0.58, 0.32
HSL	23°, 41%, 48%
HSV	23°, 58%, 68%
XYZ	24.3426, 20.8486, 9.0445
YIQ	125.5050, 49.7460, 1.5380

Conversions

Conversions Part 2

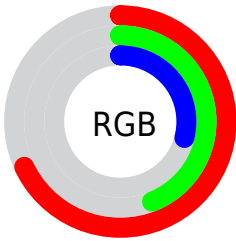
Format	Color
RYB	174, 134, 73
Decimal	11431753
CIELab	52.78, 21.05, 31.33
CIELCh	53, 37.740, 56.106
Yxy	20.8486, 0.4488, 0.3844
Android (android.graphics.Color)	4289621833 (0xFFAE6F49)
YUV	125.5050, -25.8850, 42.5301
Hunter-Lab	45.6603, 15.2573, 20.2178

Details

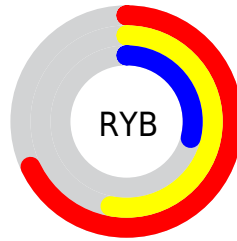
The Hex color **AE6F49** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4988AE**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **E8A37A**, and **763F1B** is the 20% darker color. If you saturate the color by 10%, you get **AE6438**, and if you desaturate by 10%, it is **AE7A5A**.

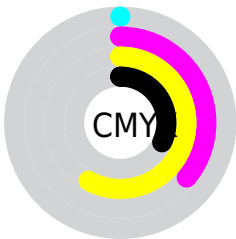
Distribution



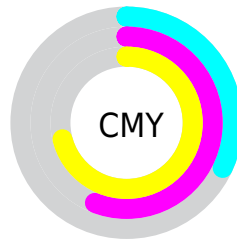
- Red (68%)
- Green (44%)
- Blue (29%)



- Red (68%)
- Yellow (53%)
- Blue (29%)



- Cyan (0%)
- Magenta (36%)
- Yellow (58%)
- Black (32%)



- Cyan (32%)
- Magenta (56%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE6F49 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 AE6F49 by changing the saturation by 10% instead.

 AE6F49

 AE6F49

FFFFFF

 925632

 E8A37A

 763F1B

 FFBE94

 5B2804

 FFDAAF

 401200

 FFF7CB

 280000

 FFFF7E

 000000

 AE6F49

 AE6F49

 AE6438

 AE7A5A

 AE5926

 AE856C

 AE4E15

 AE907D

 AE4403

 AE9A8F

 AE4100

 AEA5A0

 AEB0B1

 AEBBC3

 AEC6D4

 AED1E6

Harmonies

Analogous

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



BB6563



AE6F49



957B3C

Triad

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



AE6F49



038E79



7A77B8

Complementary

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



AE6F49



4988AE

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.



3D83BE



AE6F49



008E99

Square

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



AE6F49



4E8B59



008BB3



A26BA3

Rectangle

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



AE6F49



81823E



008BB3



697BBC

Sweetspot

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



AE6F49



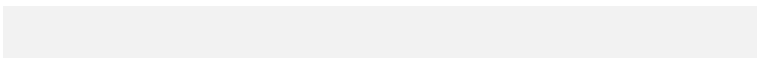
E3CBBC



AE4989



73645C



F2F2F2



737373

Same Dimension

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



AE6F49



E38044



AEA149



57514E



963900



170900

Inverse Universe

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



4988AE



44A7E3



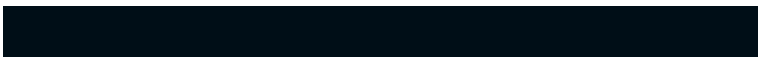
4956AE



4E5357



005E96



000E17

Previews

White Background



This preview shows how the Hex color AE6F49 looks on a white background.

Color Contrast Check

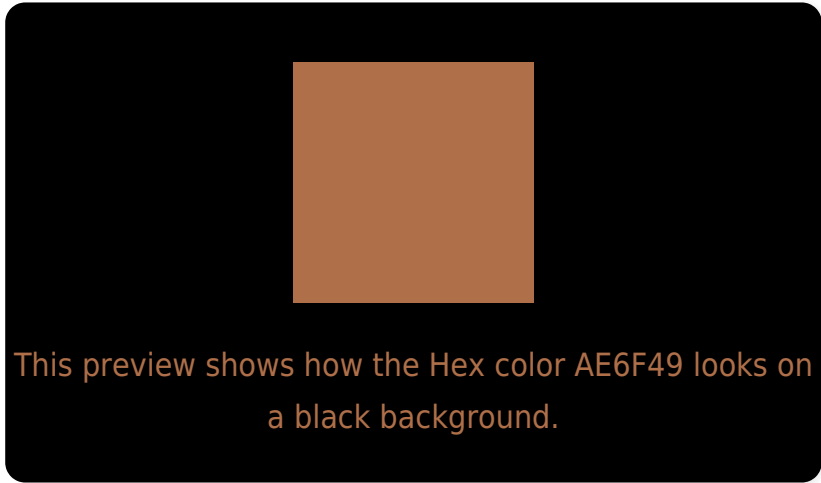
Large Text (above 18pt) WCAG AA ✓ Pass

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

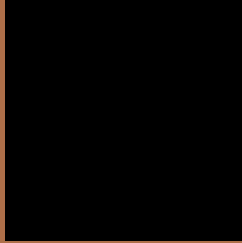
Any Text WCAG AA ✓ Pass

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 AE6F49 Background



This preview shows how black text looks on a background with the Hex color AE6F49.



This preview shows how white text looks on a background with the Hex color AE6F49.

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
AE6F49

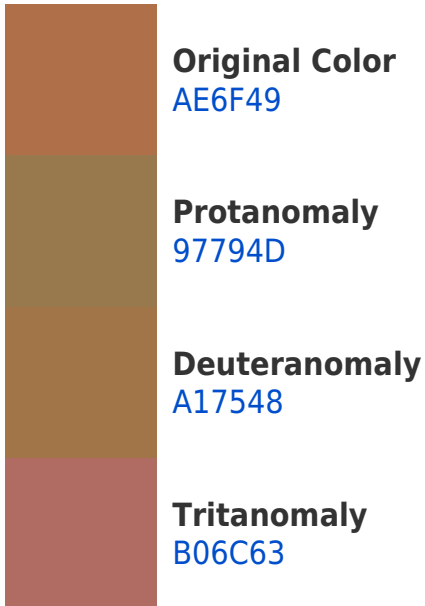
Protanopia
8A7E4F

Deuteranopia
9A7947



Tritanopia
B16A72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AE6F49 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 #AE6F49 looks like.

```
.text, #text, p{  
    color:#AE6F49  
}
```

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 #AE6F49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE6F49  
}
```

Border

The CSS property to change the border of an element to Hex AE6F49 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  
#AE6F49 }
```

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

```
.border{ border-color:#AE6F49 }
```

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

Here you see how a box with a 4 pixel #AE6F49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE6F49; -webkit-box-shadow:4px 4px  
4px 4px #AE6F49; box-shadow:4px 4px 4px  
4px #AE6F49 }
```

Background

The CSS property to change the background color of an element to Hex AE6F49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE6F49 }
```

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

```
.background{ background-color:#AE6F49 }
```

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