

# Converting Colors

Hex(AE7C40)

Have a look what the booklet for  
Hex(AE7C40) contains.

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**Color**

**Hex(AE7C40)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE7C40
RGB	174, 124, 64
RGB Percent	68%, 49%, 25%
CMY	0.3176, 0.5137, 0.7490
CMYK	0.00, 0.29, 0.63, 0.32
HSL	33°, 46%, 47%
HSV	33°, 63%, 68%
XYZ	25.5886, 23.7841, 8.0926
YIQ	132.1100, 49.0600, -8.0600

# Conversions

## Conversions Part 2

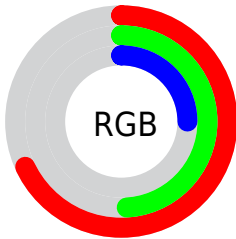
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">156, 174, 64</a>
Decimal	<a href="#">11435072</a>
CIELab	<a href="#">55.87, 13.07, 39.83</a>
CIELCh	<a href="#">56, 41.915, 71.838</a>
Yxy	<a href="#">23.7841, 0.4453, 0.4139</a>
Android (android.graphics.Color)	<a href="#">4289625152 (0xFFAE7C40)</a>
YUV	<a href="#">132.1100, -33.5782, 36.7375</a>
Hunter-Lab	<a href="#">48.7690, 8.3115, 24.2998</a>

# Details

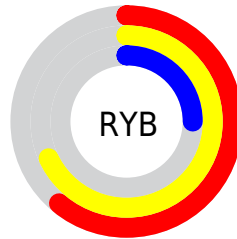
The Hex color **AE7C40** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4072AE**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **E8B172**, and **764B0F** is the 20% darker color. If you saturate the color by 10%, you get **AE742F**, and if you desaturate by 10%, it is **AE8451**.

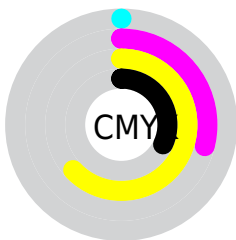
# Distribution



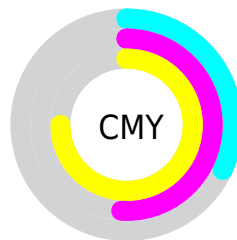
- Red (68%)
- Green (49%)
- Blue (25%)



- Red (61%)
- Yellow (68%)
- Blue (25%)



- Cyan (0%)
- Magenta (29%)
- Yellow (63%)
- Black (32%)



- Cyan (32%)
- Magenta (51%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE7C40 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 AE7C40 by changing the saturation by 10% instead.



 AE7C40

 AE7C40

FFFFFF

 926328

 E8B172

 764B0F

 FFCC8C

 5B3400

 FFE8A7

 401F00

 FFFF C2

 270A00

 FFFF DE

 000000

 FFFF FB

 AE7C40

 AE7C40

 AE742F

 AE8451

 AE6C1D

 AE8C63

 AE640C

 AE9474

 AE5F00

 AE9C86

 AEA497

 AEABA8

 AEB3BA

 AEBBCB

 AEC3DD

# Harmonies

## Analogous

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



C46F57



AE7C40



8E883C

# Triad

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



AE7C40



009894



9C77BC

# Complementary

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



AE7C40



4072AE

# 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.



6385CD



AE7C40



0096B5

# Square

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



AE7C40



2D976E



0090CB



BE6B9D

# Rectangle

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



AE7C40



748F46



0090CB



8B7BC4



# Sweetspot

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



AE7C40



E3CFB8



AE4073



736758



F2F2F2



737373



# Same Dimension

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



AE7C40



E39536



AAAE40



57534E



965200



170D00



# Inverse Universe

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



4072AE



3685E3



4440AE



4E5257



004496

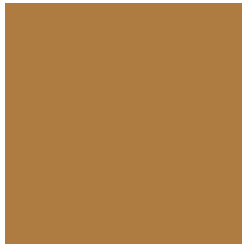


000A17



# Previews

## White Background



This preview shows how the Hex color AE7C40 looks on a white background.

## Color Contrast Check

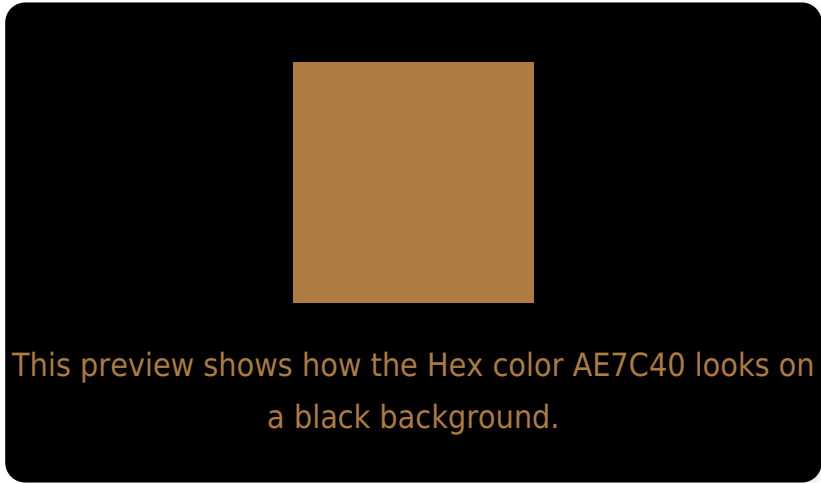
Large Text (above 18pt) WCAG AA ✓ Pass

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 AE7C40 Background



This preview shows how black text looks on a background with the Hex color AE7C40.



This preview shows how white text looks on a background with the Hex color AE7C40.

# 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**  
AE7C40

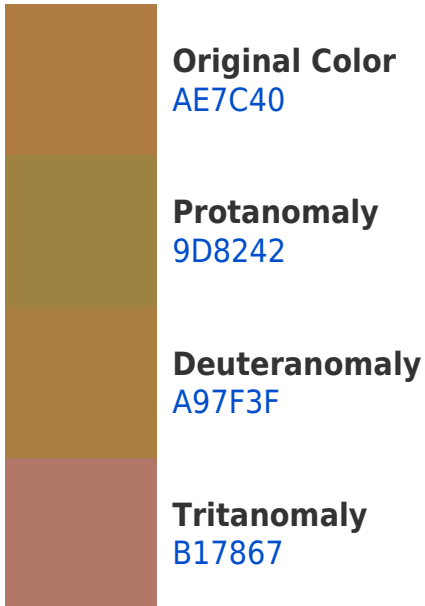
**Protanopia**  
948643

**Deuteranopia**  
A6803F



**Tritanopia**  
B3757E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE7C40 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 #AE7C40 looks like.

```
.text, #text, p{  
    color:#AE7C40  
}
```

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 #AE7C40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE7C40
}
```

## Border

The CSS property to change the border of an element to Hex AE7C40 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
#AE7C40 }
```

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

```
.border{ border-color:#AE7C40 }
```

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

Here you see how a box with a 4 pixel #AE7C40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE7C40; -webkit-box-shadow:4px 4px  
4px 4px #AE7C40; box-shadow:4px 4px 4px  
4px #AE7C40 }
```

# Background

The CSS property to change the background color of an element to Hex AE7C40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE7C40 }
```

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

```
.background{ background-color:#AE7C40 }
```

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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