

# Converting Colors

Hex(AE7662)

Have a look what the booklet for  
Hex(AE7662) contains.

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**Color**

**Hex(AE7662)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE7662
RGB	174, 118, 98
RGB Percent	68%, 46%, 38%
CMY	0.3176, 0.5373, 0.6157
CMYK	0.00, 0.32, 0.44, 0.32
HSL	16°, 32%, 53%
HSV	16°, 44%, 68%
XYZ	26.1386, 22.8374, 14.5857
YIQ	132.4640, 39.7960, 5.6520

# Conversions

## Conversions Part 2

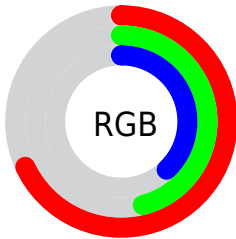
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">174, 125, 98</a>
Decimal	<a href="#">11433570</a>
<a href="#">CIELab</a>	<a href="#">54.90, 19.53, 19.92</a>
<a href="#">CIELCh</a>	<a href="#">55, 27.892, 45.562</a>
<a href="#">Yxy</a>	<a href="#">22.8374, 0.4112, 0.3593</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4289623650 (0xFFAE7662)</a>
<a href="#">YUV</a>	<a href="#">132.4640, -16.9908, 36.4271</a>
<a href="#">Hunter-Lab</a>	<a href="#">47.7885, 14.0033, 15.3558</a>

# Details

The Hex color **AE7662** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **629AAE**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **E7AA95**, and **774533** is the 20% darker color. If you saturate the color by 10%, you get **AE6951**, and if you desaturate by 10%, it is **AE8373**.

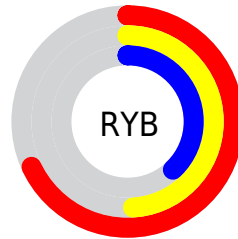
# Distribution



Red (68%)

Green (46%)

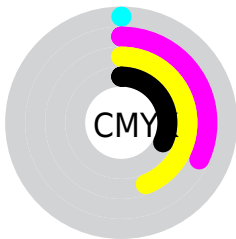
Blue (38%)



Red (68%)

Yellow (49%)

Blue (38%)

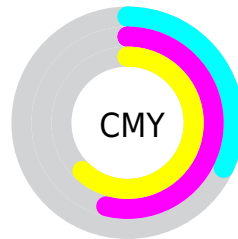


Cyan (0%)

Magenta (32%)

Yellow (44%)

Black (32%)



Cyan (32%)

Magenta (54%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE7662 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 AE7662 by changing the saturation by 10% instead.



 AE7662

 AE7662

FFFFFF

 925D4A

 E7AA95

 774533

 FFC6B0

 5D2E1E

 FFE2CB

 431806

 FFFFE7

 2B0200

 000000

 AE7662

 AE7662

 AE6951

 AE8373

 AE5C3F

 AE9085

 AE502E

 AE9C96

 AE431C

 AEA9A8

 AE360B

 AEB6B9

 AE2E00

 AEC3CA

 AED0DC

 AEDDED

 AEE9FF

# Harmonies

## Analogous

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



B37178



AE7662



9E7E55

# Triad

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



AE7662



4F9077



7681B2

# Complementary

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



AE7662



629AAE

# 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.



5089B2



AE7662



34918F

# Square

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



AE7662



6C8C61



318EA5



9679A5

# Rectangle

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



AE7662



8F8353



318EA5



6984B3



# Sweetspot

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



AE7662



E3CDC5



AE629B



736560



F2F2F2



737373



# Same Dimension

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



AE7662



E38C6D



AE9B62



57504E



962800



170600



# Inverse Universe

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



629AAE



6DC4E3



6275AE



4E5457



006F96



001117



# Previews

## White Background



This preview shows how the Hex color AE7662 looks on a white background.

## Color Contrast Check

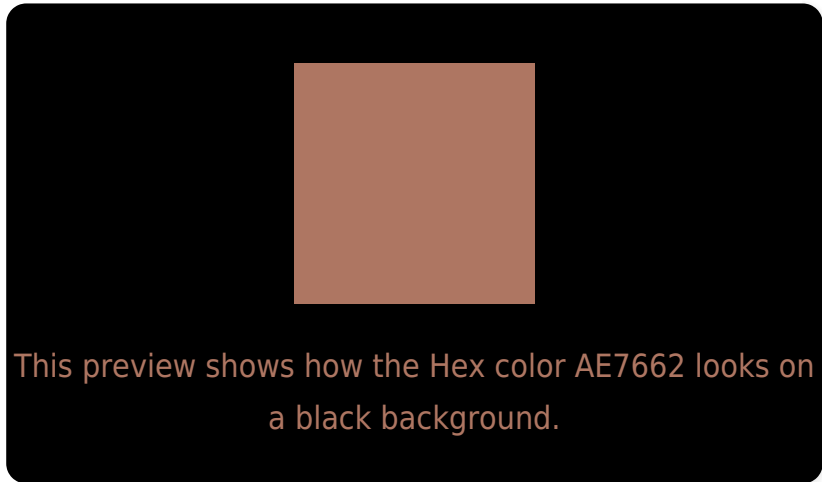
Large Text (above 18pt) WCAG AA ✓ Pass

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

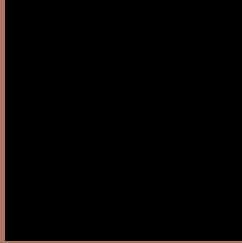
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AE7662 Background



This preview shows how black text looks on a background with the Hex color AE7662.



This preview shows how white text looks on a background with the Hex color AE7662.

# 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





**Tritanopia**  
B0727B

# Trichromacy



**Original Color**  
AE7662

**Protanomaly**  
987F66

**Deuteranomaly**  
A37B61

**Tritanomaly**  
AF7372

# Monochromacy



**Original Color**  
AE7662

**Achromatopsia**  
848484

**Achromatomaly**  
937F78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE7662 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 #AE7662 looks like.

```
.text, #text, p{  
    color:#AE7662  
}
```

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 #AE7662 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE7662
}
```

## Border

The CSS property to change the border of an element to Hex AE7662 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
#AE7662 }
```

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

```
.border{ border-color:#AE7662 }
```

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

Here you see how a box with a 4 pixel #AE7662 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE7662; -webkit-box-shadow:4px 4px  
4px 4px #AE7662; box-shadow:4px 4px 4px  
4px #AE7662 }
```

# Background

The CSS property to change the background color of an element to Hex AE7662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE7662 }
```

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

```
.background{ background-color:#AE7662 }
```

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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