

# Converting Colors

Hex(AE7668)

Have a look what the booklet for  
Hex(AE7668) contains.

<b>Hex(AE7668)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(AE7668)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE7668
RGB	174, 118, 104
RGB Percent	68%, 46%, 41%
CMY	0.3176, 0.5373, 0.5922
CMYK	0.00, 0.32, 0.40, 0.32
HSL	12°, 30%, 55%
HSV	12°, 40%, 68%
XYZ	26.4327, 22.9550, 16.1343
YIQ	133.1480, 37.8700, 7.5180

# Conversions

## Conversions Part 2

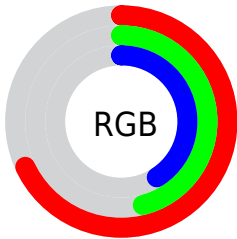
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 122, 104
Decimal	11433576
CIELab	55.03, 20.22, 16.62
CIELCh	55, 26.176, 39.427
Yxy	22.9550, 0.4034, 0.3503
Android (android.graphics.Color)	4289623656 (0xFFAE7668)
YUV	133.1480, -14.3700, 35.8272
Hunter-Lab	47.9114, 14.6334, 13.5719

# Details

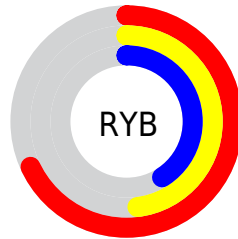
The Hex color **AE7668** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **68A0AE**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **E7AA9B**, and **774539** is the 20% darker color. If you saturate the color by 10%, you get **AE6857**, and if you desaturate by 10%, it is **AE8479**.

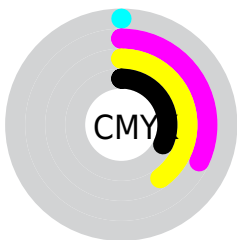
# Distribution



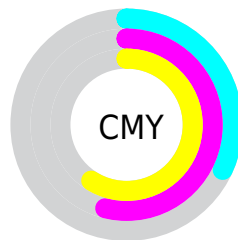
- Red (68%)
- Green (46%)
- Blue (41%)



- Red (68%)
- Yellow (48%)
- Blue (41%)



- Cyan (0%)
- Magenta (32%)
- Yellow (40%)
- Black (32%)



- Cyan (32%)
- Magenta (54%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE7668 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 AE7668 by changing the saturation by 10% instead.



 AE7668

 AE7668

FFFFFF

 925D50

 E7AA9B

 774539

 FFC6B6

 5D2E23

 FFE2D2

 44180E

 FFFFEE

 2C0100

 000000

 AE7668

 AE7668

 AE6857

 AE8479

 AE5A45

 AE928B

 AE4C34

 AEA09C

 AE3E22

 AEAEAE

 AE3011

 AEBCBF

 AE2300

 AECAD0

 AED7E2

 AEE5F3

 AEF3FF

# Harmonies

## Analogous

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



B0737D



AE7668



A17D5A

# Triad

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



AE7668



598F73



7083B0

# Complementary

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



AE7668



68A0AE

# 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.



4E8AAE



AE7668



40908A

# Square

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



AE7668



738B60



398FA0



907BA7

# Rectangle

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



AE7668



948256



398FA0



6586B1



# Sweetspot

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



AE7668



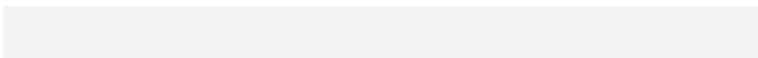
E3CDC8



AE68A0



736663



F2F2F2



737373



# Same Dimension

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



AE7668



E38C76



AE9968



57504E



961E00



170500



# Inverse Universe

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



68A0AE



76CDE3



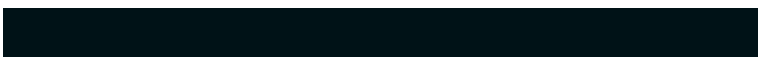
687DAE



4E5557



007896



001217



# Previews

## White Background



This preview shows how the Hex color AE7668 looks on a white background.

## Color Contrast Check

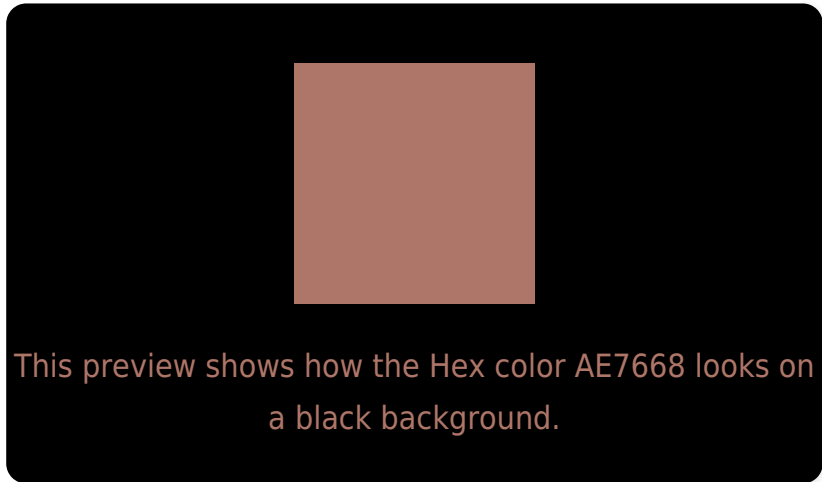
Large Text (above 18pt) WCAG AA ✓ Pass

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

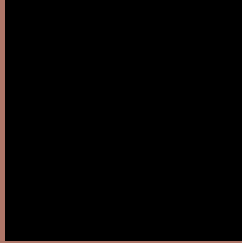
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AE7668 Background



This preview shows how black text looks on a background with the Hex color AE7668.




This preview shows how white text looks on a background with the Hex color AE7668.

# 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**  
B0737C

# Trichromacy



**Original Color**  
AE7668

**Protanomaly**  
987F6C

**Deuteranomaly**  
A27C67

**Tritanomaly**  
AF7475

# Monochromacy



**Original Color**  
AE7668

**Achromatopsia**  
858585

**Achromatomaly**  
94807A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE7668 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 #AE7668 looks like.

```
.text, #text, p{  
    color:#AE7668  
}
```

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 #AE7668 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE7668
}
```

## Border

The CSS property to change the border of an element to Hex AE7668 is called "border". The border property can be set on classes, ids or directly on the HTML element.

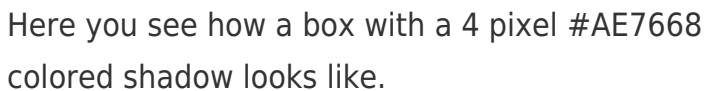
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AE7668 }
```

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

```
.border{ border-color:#AE7668 }
```

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



Here you see how a box with a 4 pixel #AE7668 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE7668; -webkit-box-shadow:4px 4px  
4px 4px #AE7668; box-shadow:4px 4px 4px  
4px #AE7668 }
```

# Background

The CSS property to change the background color of an element to Hex AE7668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE7668 }
```

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

```
.background{ background-color:#AE7668 }
```

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