

# Converting Colors

Hex(AE7240)

Have a look what the booklet for  
Hex(AE7240) contains.

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**Color**

**Hex(AE7240)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE7240
RGB	174, 114, 64
RGB Percent	68%, 45%, 25%
CMY	0.3176, 0.5529, 0.7490
CMYK	0.00, 0.34, 0.63, 0.32
HSL	27°, 46%, 47%
HSV	27°, 63%, 68%
XYZ	24.3983, 21.4035, 7.6958
YIQ	126.2400, 51.8100, -2.8300

# Conversions

## Conversions Part 2

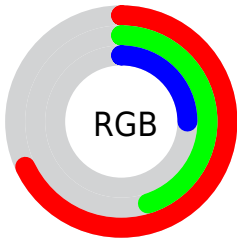
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">174, 156, 64</a>
Decimal	<a href="#">11432512</a>
CIELab	<a href="#">53.39, 18.68, 36.94</a>
CIELCh	<a href="#">53, 41.398, 63.176</a>
Yxy	<a href="#">21.4035, 0.4561, 0.4001</a>
Android (android.graphics.Color)	<a href="#">4289622592</a> (0xFFAE7240)
YUV	<a href="#">126.2400, -30.6843, 41.8855</a>
Hunter-Lab	<a href="#">46.2639, 13.1742, 22.5220</a>

# Details

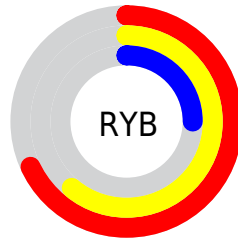
The Hex color **AE7240** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **407CAE**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **E9A671**, and **764211** is the 20% darker color. If you saturate the color by 10%, you get **AE692F**, and if you desaturate by 10%, it is **AE7B51**.

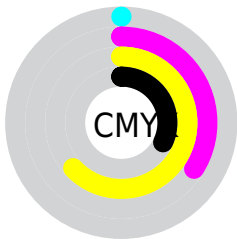
# Distribution



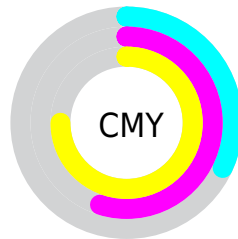
- Red (68%)
- Green (45%)
- Blue (25%)



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



- Cyan (0%)
- Magenta (34%)
- Yellow (63%)
- Black (32%)



- Cyan (32%)
- Magenta (55%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE7240 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 AE7240 by changing the saturation by 10% instead.



 AE7240

 AE7240

FFFFFF

 915929

 E9A671

 764211

 FFC18B

 5B2B00

 FFDDA6

 401600

 FFFAC1

 270000

 FFFFDD

 000000

 FFFFFA

 AE7240

 AE7240

 AE692F

 AE7B51

 AE5F1D

 AE8563

 AE560C

 AE8E74

 AE4F00

 AE9886

 AEA197

 AEABA8

 AEB4BA

 AEBECB

 AEC7DD

# Harmonies

## Analogous

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



C0665A



AE7240



917F36

# Triad

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



AE7240



009282



8775BB

# Complementary

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



AE7240



407CAE

# 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.



4782C7



AE7240



0091A5

# Square

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



AE7240



3C8F5E



008CBE



AF67A0

# Rectangle

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



AE7240



79863B



008CBE



7579C1



# Sweetspot

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



AE7240



E3CBB8



AE407D



736458



F2F2F2



737373



# Same Dimension

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



AE7240



E38536



AEA940



57524E



964400



170A00



# Inverse Universe

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



407CAE



3695E3



4046AE



4E5357



005296

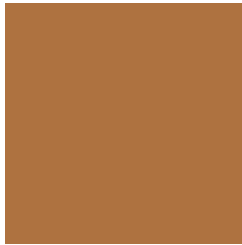


000D17



# Previews

## White Background



This preview shows how the Hex color AE7240 looks on a white background.

## Color Contrast Check

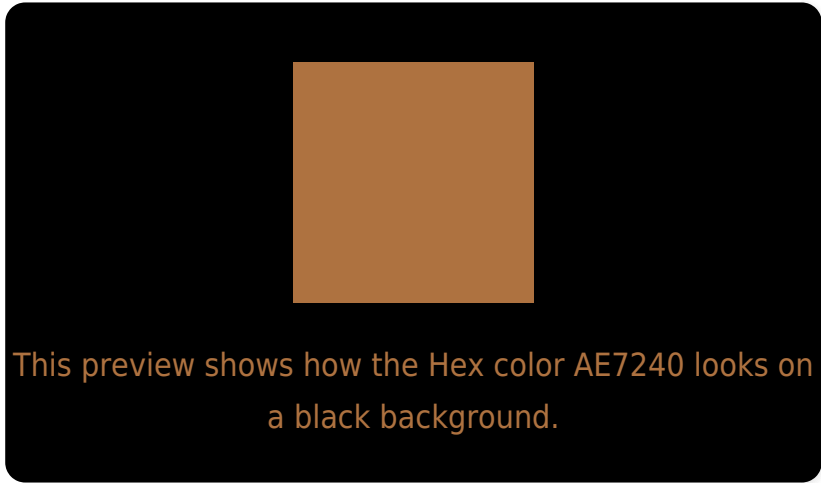
Large Text (above 18pt) WCAG AA ✓ Pass

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

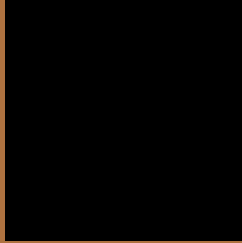
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AE7240 Background



This preview shows how black text looks on a background with the Hex color AE7240.



This preview shows how white text looks on a background with the Hex color AE7240.

# 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**  
AE7240

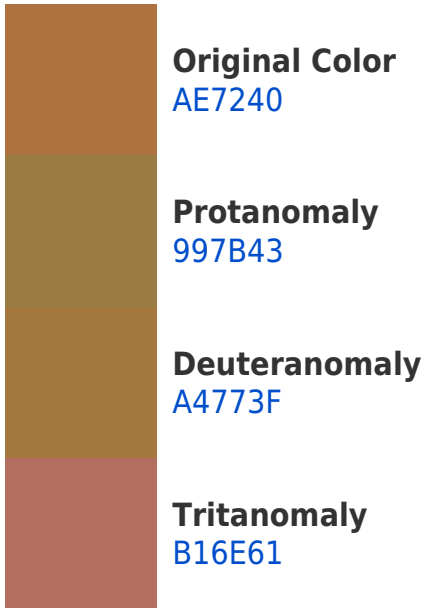
**Protanopia**  
8D8045

**Deuteranopia**  
9E7A3E



**Tritanopia**  
B26C74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE7240 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 #AE7240 looks like.

```
.text, #text, p{  
    color:#AE7240  
}
```

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 #AE7240 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE7240
}
```

## Border

The CSS property to change the border of an element to Hex AE7240 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
#AE7240 }
```

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

```
.border{ border-color:#AE7240 }
```

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

Here you see how a box with a 4 pixel #AE7240 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE7240; -webkit-box-shadow:4px 4px  
4px 4px #AE7240; box-shadow:4px 4px 4px  
4px #AE7240 }
```

# Background

The CSS property to change the background color of an element to Hex AE7240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE7240 }
```

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

```
.background{ background-color:#AE7240 }
```

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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