

# Converting Colors

Hex(AE8A39)

Have a look what the booklet for  
Hex(AE8A39) contains.

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# Color

Hex(AE8A39)

# Conversions

## Conversions Part 1

Format	Color
Hex	AE8A39
RGB	174, 138, 57
RGB Percent	68%, 54%, 22%
CMY	0.3176, 0.4588, 0.7765
CMYK	0.00, 0.21, 0.67, 0.32
HSL	42°, 51%, 45%
HSV	42°, 67%, 68%
XYZ	27.2826, 27.4710, 7.7354
YIQ	139.5300, 47.4570, -17.5590

# Conversions

## Conversions Part 2

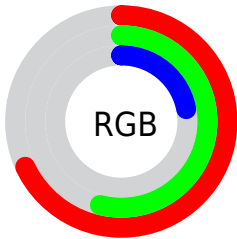
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 174, 57
Decimal	11438649
CIE Lab	59.41, 4.79, 47.18
CIE LCh	59, 47.423, 84.199
Yxy	27.4710, 0.4366, 0.4396
Android (android.graphics.Color)	4289628729 (0xFFAE8A39)
YUV	139.5300, -40.6873, 30.2302
Hunter-Lab	52.4128, 1.1926, 27.9386

# Details

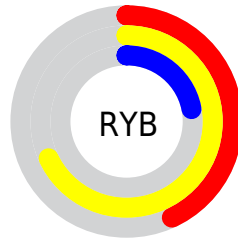
The Hex color **AE8A39** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **395DAE**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **E8BF6C**, and **765801** is the 20% darker color. If you saturate the color by 10%, you get **AE8528**, and if you desaturate by 10%, it is **AE8F4A**.

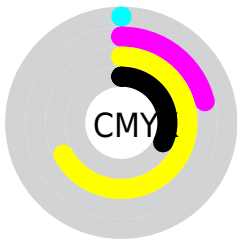
# Distribution



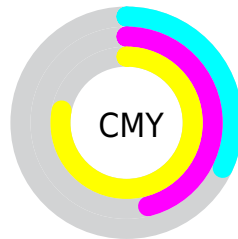
- Red (68%)
- Green (54%)
- Blue (22%)



- Red (43%)
- Yellow (68%)
- Blue (22%)



- Cyan (0%)
- Magenta (21%)
- Yellow (67%)
- Black (32%)



- Cyan (32%)
- Magenta (46%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE8A39 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 AE8A39 by changing the saturation by 10% instead.



 AE8A39

 AE8A39

FFFFFF

 92711F

 E8BF6C

 765801

 FFDB86

 5B4100

 FFF7A1

 412B00

 FFFFBC

 271700

 FFFFD9

 060000

 FFFFF6

 000000

 AE8A39

 AE8A39

 AE8528

 AE8F4A

■ AE7F16

■ AE955C

■ AE7A05

■ AE9A6D

■ AE7800

■ AE9F7F

■ AEA590

■ AEAAA1

■ AEAFB3

■ AEB5C4

■ AEBAD6

# Harmonies

## Analogous

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



CD7A4C



AE8A39



86973F

# Triad

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



AE8A39



00A4B0



BB77C0

# Complementary

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



AE8A39



395DAE

# 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.



8487DB



AE8A39



009FD2

# Square

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



AE8A39



00A385



1896E2



D76C99

# Rectangle

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



AE8A39



659D51



1896E2



AB7CCB



# Sweetspot

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



AE8A39



E3D5B6



AE395E



736A57



F2F2F2



737373



# Same Dimension

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



AE8A39



E3AA2B



99AE39



57544E



966800



171000



# Inverse Universe

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



395DAE



2B64E3



4E39AE



4E5157



002E96



000717



# Previews

## White Background



This preview shows how the Hex color AE8A39 looks on a white background.

## Color Contrast Check

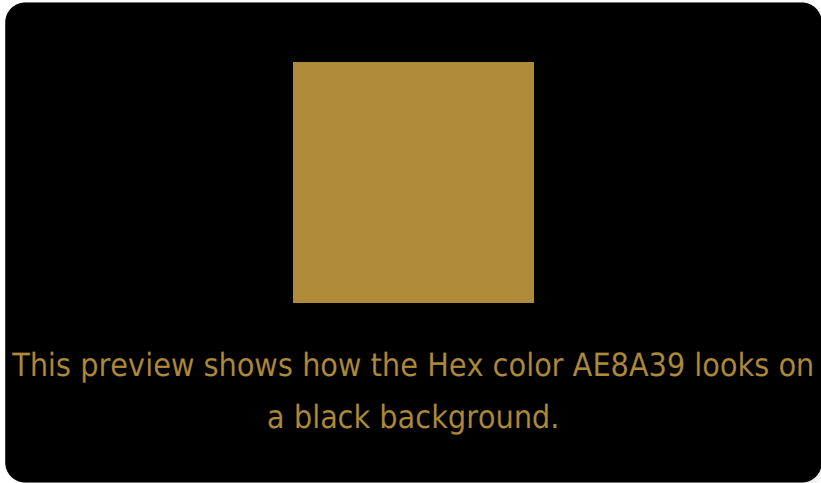
Large Text (above 18pt) WCAG AA ✓ Pass

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 AE8A39 Background



This preview shows how black text looks on a background with the Hex color AE8A39.



This preview shows how white text looks on a background with the Hex color AE8A39.

# 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**  
AE8A39

**Protanopia**  
A0903B

**Deuteranopia**  
B2883A

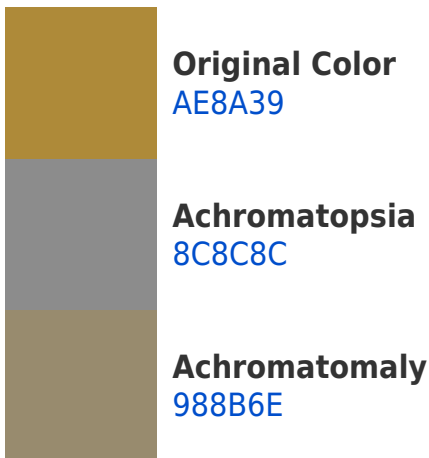


**Tritanopia**  
B4818B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE8A39 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 #AE8A39 looks like.

```
.text, #text, p{  
    color:#AE8A39  
}
```

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 #AE8A39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE8A39
}
```

## Border

The CSS property to change the border of an element to Hex AE8A39 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
#AE8A39 }
```

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

```
.border{ border-color:#AE8A39 }
```

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

Here you see how a box with a 4 pixel #AE8A39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE8A39; -webkit-box-shadow:4px 4px  
4px 4px #AE8A39; box-shadow:4px 4px 4px  
4px #AE8A39 }
```

# Background

The CSS property to change the background color of an element to Hex AE8A39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE8A39 }
```

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

```
.background{ background-color:#AE8A39 }
```

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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