

# Converting Colors

Hex(AE8445)

Have a look what the booklet for  
Hex(AE8445) contains.

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**Color**

**Hex(AE8445)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AE8445
RGB	174, 132, 69
RGB Percent	68%, 52%, 27%
CMY	0.3176, 0.4824, 0.7294
CMYK	0.00, 0.24, 0.60, 0.32
HSL	36°, 43%, 48%
HSV	36°, 60%, 68%
XYZ	26.7810, 25.9309, 9.2239
YIQ	137.3760, 45.2550, -10.6890

# Conversions

## Conversions Part 2

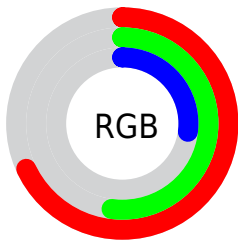
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 174, 69
Decimal	11437125
CIE <sub>Lab</sub>	57.97, 8.95, 39.70
CIE <sub>LCh</sub>	58, 40.696, 77.294
Yxy	25.9309, 0.4324, 0.4187
Android (android.graphics.Color)	4289627205 (0xFFAE8445)
YUV	137.3760, -33.7094, 32.1192
Hunter-Lab	50.9224, 4.7623, 24.9061

# Details

The Hex color **AE8445** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **456FAE**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **E8B977**, and **765315** is the 20% darker color. If you saturate the color by 10%, you get **AE7D34**, and if you desaturate by 10%, it is **AE8B56**.

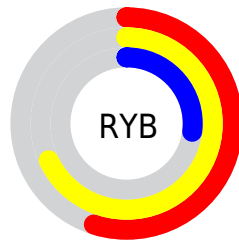
# Distribution



Red (68%)

Green (52%)

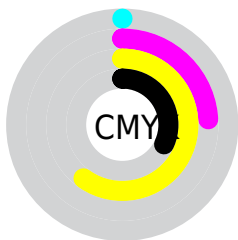
Blue (27%)



Red (55%)

Yellow (68%)

Blue (27%)

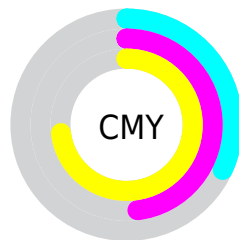


Cyan (0%)

Magenta (24%)

Yellow (60%)

Black (32%)



Cyan (32%)

Magenta (48%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE8445 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 AE8445 by changing the saturation by 10% instead.



 AE8445

 AE8445

FFFFFF

 926B2D

 E8B977

 765315

 FFD591

 5C3C00

 FFF1AC

 422600

 FFFFC8

 281200

 FFFFE4

 010000

 000000

 AE8445

 AE8445

 AE7D34

 AE8B56

 AE7622

 AE9268

 AE6F11

 AE9979

 AE6800

 AEA08B

 AEA79C

 AEAEAD

 AEB5BF

 AEBCD0

 AEC3E2

# Harmonies

## Analogous

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



C67758



AE8445



8D9045

# Triad

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



AE8445



009E9F



A87ABC

# Complementary

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



AE8445



456FAE

# 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.



7688CF



AE8445



009BBF

# Square

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



AE8445



2B9D7A



2493D0



C6709C

# Rectangle

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



AE8445



739651



2493D0



9A7FC4



# Sweetspot

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



AE8445



E3D3BA



AE456F



73695A



F2F2F2



737373



# Same Dimension

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



AE8445



E3A240



A4AE45



57534E



965A00



170E00



# Inverse Universe

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



456FAE



4081E3



4F45AE



4E5157



003C96



000917



# Previews

## White Background



This preview shows how the Hex color AE8445 looks on a white background.

## Color Contrast Check

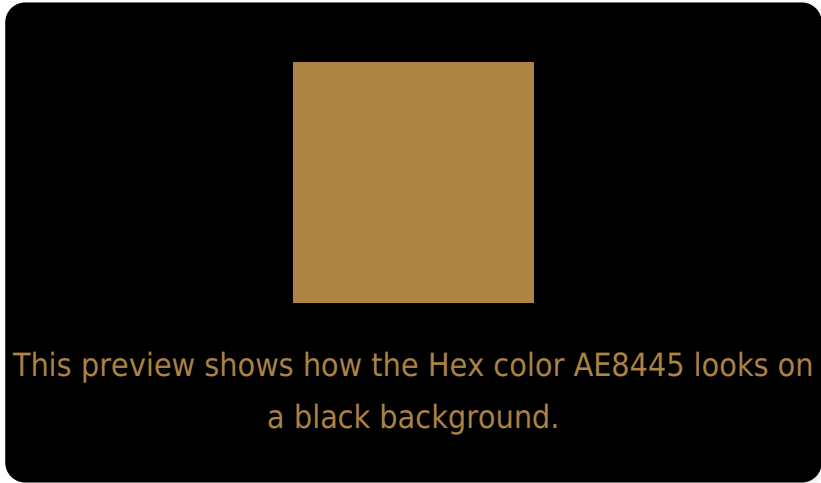
Large Text (above 18pt) WCAG AA ✓ Pass

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

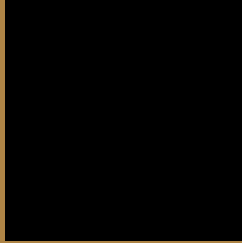
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AE8445 Background



This preview shows how black text looks on a background with the Hex color AE8445.



This preview shows how white text looks on a background with the Hex color AE8445.

# 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**  
AE8445

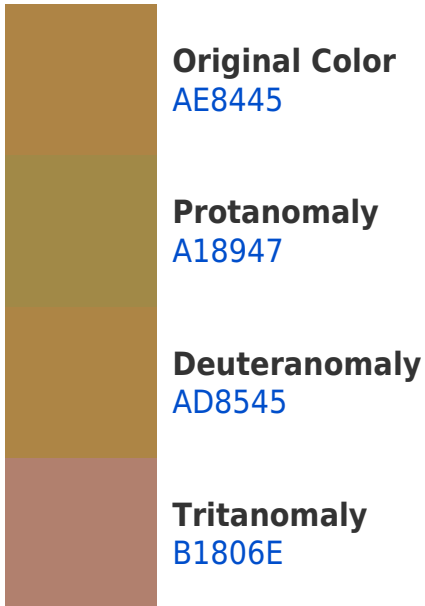
**Protanopia**  
9A8C48

**Deuteranopia**  
AC8545

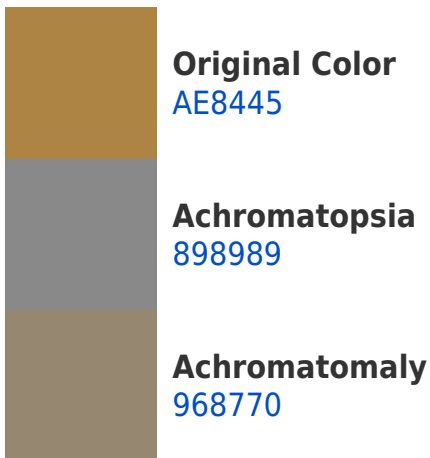


**Tritanopia**  
B37D86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE8445 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 #AE8445 looks like.

```
.text, #text, p{  
    color:#AE8445  
}
```

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 #AE8445 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE8445
}
```

## Border

The CSS property to change the border of an element to Hex AE8445 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
#AE8445 }
```

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

```
.border{ border-color:#AE8445 }
```

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

Here you see how a box with a 4 pixel #AE8445 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE8445; -webkit-box-shadow:4px 4px  
4px 4px #AE8445; box-shadow:4px 4px 4px  
4px #AE8445 }
```

# Background

The CSS property to change the background color of an element to Hex AE8445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE8445 }
```

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

```
.background{ background-color:#AE8445 }
```

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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