

# Converting Colors

Hex(AE8734)

Have a look what the booklet for  
Hex(AE8734) contains.

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**Color**

**Hex(AE8734)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE8734
RGB	174, 135, 52
RGB Percent	68%, 53%, 20%
CMY	0.3176, 0.4706, 0.7961
CMYK	0.00, 0.22, 0.70, 0.32
HSL	41°, 54%, 44%
HSV	41°, 70%, 68%
XYZ	26.7394, 26.5745, 6.9689
YIQ	137.1990, 49.8870, -17.5450

# Conversions

## Conversions Part 2

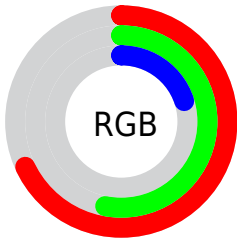
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 174, 52
Decimal	11437876
CIELab	58.58, 6.16, 48.58
CIELCh	59, 48.972, 82.769
Yxy	26.5745, 0.4436, 0.4408
Android (android.graphics.Color)	4289627956 (0xFFAE8734)
YUV	137.1990, -42.0031, 32.2745
Hunter-Lab	51.5505, 2.3750, 28.0702

# Details

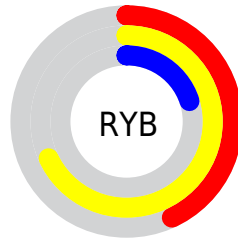
The Hex color **AE8734** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **345BAE**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **E9BC67**, and **765600** is the 20% darker color. If you saturate the color by 10%, you get **AE8123**, and if you desaturate by 10%, it is **AE8D45**.

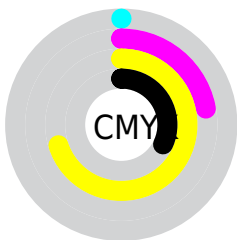
# Distribution



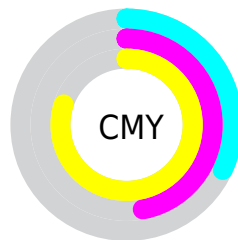
- Red (68%)
- Green (53%)
- Blue (20%)



- Red (43%)
- Yellow (68%)
- Blue (20%)



- Cyan (0%)
- Magenta (22%)
- Yellow (70%)
- Black (32%)



- Cyan (32%)
- Magenta (47%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE8734 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 AE8734 by changing the saturation by 10% instead.



 AE8734

 AE8734

FFFFFF

 926E1A

 E9BC67

 765600

 FFD881

 5B3F00

 FFF49C

 402900

 FFFF80

 271500

 FFFFD4

 000000

 FFFFF0

 AE8734

 AE8734

 AE8123

 AE8D45

 AE7C11

 AE9257

 AE7600

 AE9868

 AE9D7A

 AEA38B

 AEA89C

 AEAEAE

 AEB3BF

 AEB9D1

# Harmonies

## Analogous

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



CD774A



AE8734



859439

# Triad

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



AE8734



00A2AD



B874C1

# Complementary

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



AE8734



345BAE

# 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.



7E86DC



AE8734



009ED0

# Square

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



AE8734



00A281



0095E2



D66899

# Rectangle

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



AE8734



649B4B



0095E2



A77ACC



# Sweetspot

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



AE8734



E3D4B3



AE345D



736A56



F2F2F2



737373



# Same Dimension

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



AE8734



E3A624



9AAE34



57544E



966600



171000



# Inverse Universe

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



345BAE



2461E3



4834AE



4E5157



003096



000717



# Previews

## White Background



This preview shows how the Hex color AE8734 looks on a white background.

## Color Contrast Check

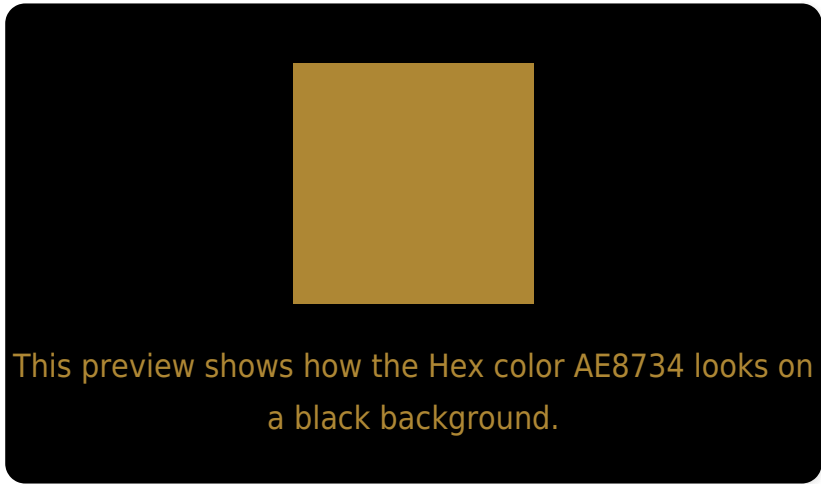
Large Text (above 18pt) WCAG AA ✓ Pass

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

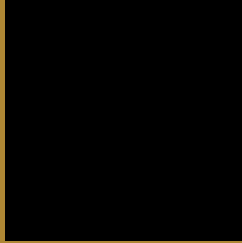
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AE8734 Background



This preview shows how black text looks on a background with the Hex color AE8734.



This preview shows how white text looks on a background with the Hex color AE8734.

# 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**  
AE8734

**Protanopia**  
9D8D36

**Deuteranopia**  
B08634

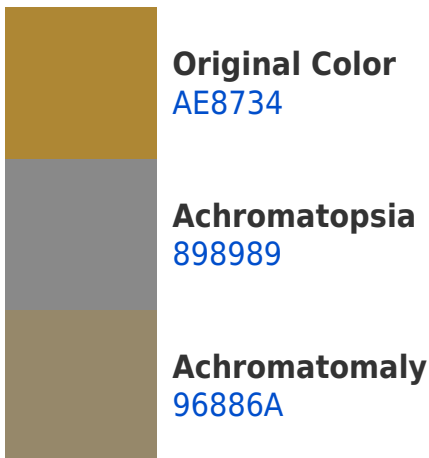


**Tritanopia**  
B47F88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE8734 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 #AE8734 looks like.

```
.text, #text, p{  
    color:#AE8734  
}
```

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 #AE8734 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE8734
}
```

## Border

The CSS property to change the border of an element to Hex AE8734 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
#AE8734 }
```

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

```
.border{ border-color:#AE8734 }
```

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

Here you see how a box with a 4 pixel #AE8734 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE8734; -webkit-box-shadow:4px 4px  
4px 4px #AE8734; box-shadow:4px 4px 4px  
4px #AE8734 }
```

# Background

The CSS property to change the background color of an element to Hex AE8734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE8734 }
```

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

```
.background{ background-color:#AE8734 }
```

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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