

# Converting Colors

Hex(AE9A36)

Have a look what the booklet for  
Hex(AE9A36) contains.

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**Color**

**Hex(AE9A36)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AE9A36
RGB	174, 154, 54
RGB Percent	68%, 60%, 21%
CMY	0.3176, 0.3961, 0.7882
CMYK	0.00, 0.11, 0.69, 0.32
HSL	50°, 53%, 45%
HSV	50°, 69%, 68%
XYZ	29.6770, 32.3762, 8.1751
YIQ	148.5800, 44.0200, -26.8600

# Conversions

## Conversions Part 2

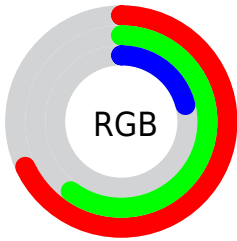
Format	Color
<a href="#">RYB</a>	<a href="#">78, 174, 54</a>
Decimal	<a href="#">11442742</a>
CIELab	<a href="#">63.65, -4.12, 52.96</a>
CIELCh	<a href="#">64, 53.119, 94.453</a>
Yxy	<a href="#">32.3762, 0.4226, 0.4610</a>
Android (android.graphics.Color)	<a href="#">4289632822</a> ( <a href="#">0xFFAE9A36</a> )
YUV	<a href="#">148.5800, -46.6279, 22.2933</a>
Hunter-Lab	<a href="#">56.9001, -6.4761, 31.3116</a>

# Details

The Hex color **AE9A36** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **364AAE**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **E8D06A**, and **766700** is the 20% darker color. If you saturate the color by 10%, you get **AE9725**, and if you desaturate by 10%, it is **AE9D47**.

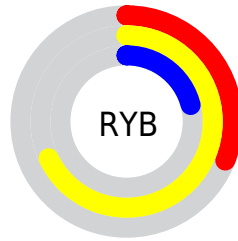
# Distribution



Red (68%)

Green (60%)

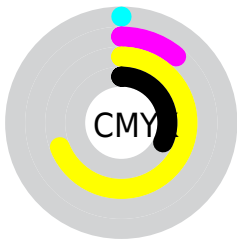
Blue (21%)



Red (31%)

Yellow (68%)

Blue (21%)

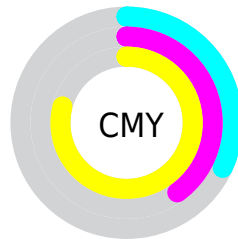


Cyan (0%)

Magenta (11%)

Yellow (69%)

Black (32%)



Cyan (32%)

Magenta (40%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE9A36 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 AE9A36 by changing the saturation by 10% instead.



 AE9A36

 AE9A36

FFFFFF

 92801A

 E8D06A

 766700

 FFEC85

 5B4F00

 FFFFA0

 413900

 FFFFBC

 282400

 FFFFD8

 0A0F00

 FFFFF5

 000000

 AE9A36

 AE9A36

 AE9725

 AE9D47

 AE9413

 AEA059

 AE9102

 AEA36A

 AE9100

 AEA67C

 AEA98D

 AEAB9E

 AEAEB0

 AEB1C1

 AEB4D3

# Harmonies

## Analogous

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



D58944



AE9A36



7DA748

# Triad

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



AE9A36



00B0CE



DA78C4

# Complementary

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



AE9A36



364AAE

# 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.



A68BE9



AE9A36



00AAEF

# Square

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



AE9A36



00B2A0



4A9DF9



F07095

# Rectangle

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



AE9A36



53AC61



4A9DF9



CC7ED2



# Sweetspot

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



AE9A36



E3DBB3



AE364A



736E56



F2F2F2



737373



# Same Dimension

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



AE9A36



E3C427



86AE36



57554E



967D00



171300



# Inverse Universe

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



364AAE



2746E3



5E36AE



4E4F57



001996



000417



# Previews

## White Background



This preview shows how the Hex color AE9A36 looks on a white background.

## Color Contrast Check

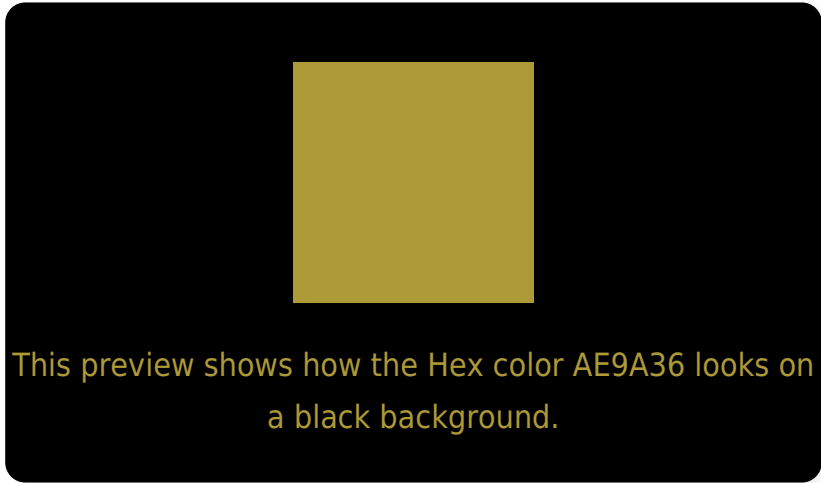
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex AE9A36 Background



This preview shows how black text looks on a background with the Hex color AE9A36.



This preview shows how white text looks on a background with the Hex color AE9A36.

# 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**  
AE9A36

**Protanopia**  
AC9B36

**Deuteranopia**  
C09338

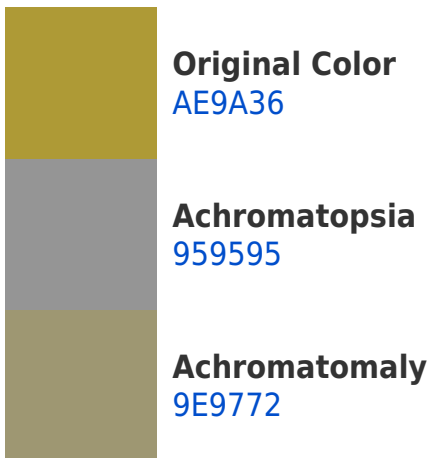


**Tritanopia**  
B6909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE9A36 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 #AE9A36 looks like.

```
.text, #text, p{  
    color:#AE9A36  
}
```

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 #AE9A36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE9A36
}
```

## Border

The CSS property to change the border of an element to Hex AE9A36 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
#AE9A36 }
```

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

```
.border{ border-color:#AE9A36 }
```

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

Here you see how a box with a 4 pixel #AE9A36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE9A36; -webkit-box-shadow:4px 4px  
4px 4px #AE9A36; box-shadow:4px 4px 4px  
4px #AE9A36 }
```

# Background

The CSS property to change the background color of an element to Hex AE9A36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE9A36 }
```

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

```
.background{ background-color:#AE9A36 }
```

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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