

# Converting Colors

Hex(AE8D50)

Have a look what the booklet for  
Hex(AE8D50) contains.

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# Color

Hex(AE8D50)

# Conversions

## Conversions Part 1

Format	Color
Hex	AE8D50
RGB	174, 141, 80
RGB Percent	68%, 55%, 31%
CMY	0.3176, 0.4471, 0.6863
CMYK	0.00, 0.19, 0.54, 0.32
HSL	39°, 37%, 50%
HSV	39°, 54%, 68%
XYZ	28.4284, 28.6276, 11.6168
YIQ	143.9130, 39.2490, -11.9750

# Conversions

## Conversions Part 2

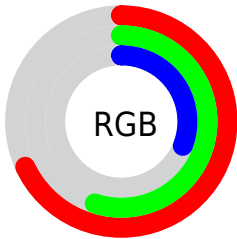
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 174, 80
Decimal	11439440
CIE <sub>Lab</sub>	60.45, 4.85, 36.96
CIE <sub>LCh</sub>	60, 37.272, 82.526
Yxy	28.6276, 0.4140, 0.4169
Android (android.graphics.Color)	4289629520 (0xFFAE8D50)
YUV	143.9130, -31.5091, 26.3863
Hunter-Lab	53.5048, 1.2081, 24.5805

# Details

The Hex color **AE8D50** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **5071AE**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **E7C283**, and **775B20** is the 20% darker color. If you saturate the color by 10%, you get **AE873F**, and if you desaturate by 10%, it is **AE9361**.

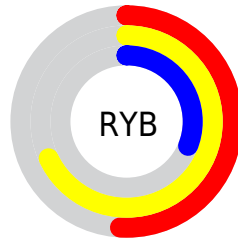
# Distribution



Red (68%)

Green (55%)

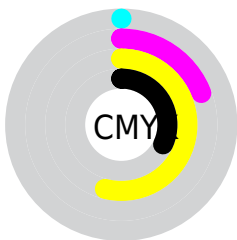
Blue (31%)



Red (51%)

Yellow (68%)

Blue (31%)

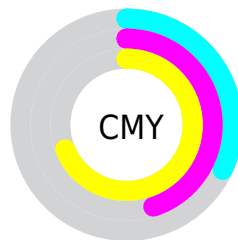


Cyan (0%)

Magenta (19%)

Yellow (54%)

Black (32%)



Cyan (32%)

Magenta (45%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE8D50 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 AE8D50 by changing the saturation by 10% instead.



 AE8D50

 AE8D50

FFFFFF

 927438

 E7C283

 775B20

 FFDE9D

 5D4407

 FFFBB8

 442E00

 FFFFD4

 2A1900

 FFFFF1

 0F0000

 000000

 AE8D50

 AE8D50

 AE873F

 AE9361

 AE812D

 AE9973

 AE7B1C

 AE9F84

 AE750A

 AEA596

 AE7100

 AEACA7

 AEB2B8

 AEB8CA

 AEBEDB

 AEC4ED

# Harmonies

## Analogous

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



C6815F



AE8D50



8E9754

# Triad

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



AE8D50



00A3AA



B380BA

# Complementary

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



AE8D50



5071AE

# 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.



898CCE



AE8D50



009FC5

# Square

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



AE8D50



37A388



4E98D2



CB789B

# Rectangle

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



AE8D50



759D60



4E98D2



A784C2



# Sweetspot

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



AE8D50



E3D6BF



AE5072



736B5D



F2F2F2



737373



# Same Dimension

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



AE8D50



E3AF4F



A1AE50



57544E



966200



170F00



# Inverse Universe

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



5071AE



4F83E3



5D50AE



4E5157



003596



000817



# Previews

## White Background



This preview shows how the Hex color AE8D50 looks on a white background.

## Color Contrast Check

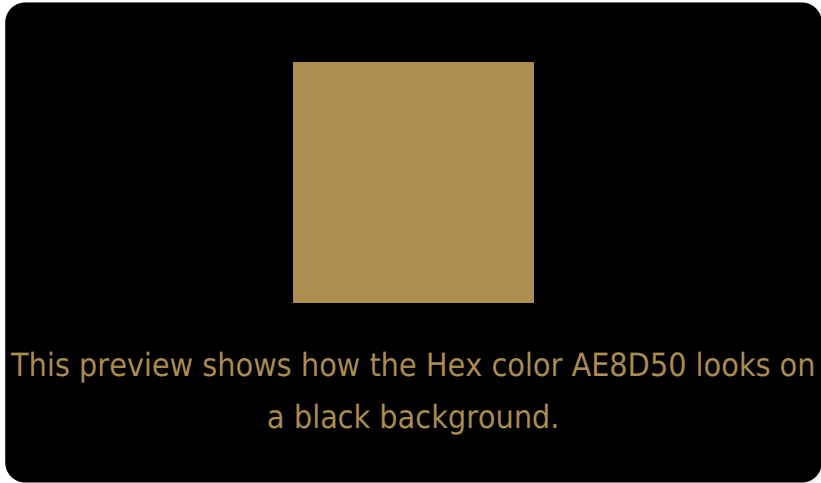
Large Text (above 18pt) WCAG AA ✓ Pass

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 AE8D50 Background



This preview shows how black text looks on a background with the Hex color AE8D50.



This preview shows how white text looks on a background with the Hex color AE8D50.

# 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**  
AE8D50

**Protanopia**  
A09252

**Deuteranopia**  
B28B50



**Tritanopia**  
B48690

# Trichromacy



**Original Color**  
AE8D50

**Protanomaly**  
A59051

**Deuteranomaly**  
B18C50

**Tritanomaly**  
B28979

# Monochromacy



**Original Color**  
AE8D50

**Achromatopsia**  
909090

**Achromatomaly**  
9B8F79

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE8D50 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 #AE8D50 looks like.

```
.text, #text, p{  
    color:#AE8D50  
}
```

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 #AE8D50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE8D50
}
```

## Border

The CSS property to change the border of an element to Hex AE8D50 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
#AE8D50 }
```

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

```
.border{ border-color:#AE8D50 }
```

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

Here you see how a box with a 4 pixel #AE8D50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE8D50; -webkit-box-shadow:4px 4px  
4px 4px #AE8D50; box-shadow:4px 4px 4px  
4px #AE8D50 }
```

# Background

The CSS property to change the background color of an element to Hex AE8D50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE8D50 }
```

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

```
.background{ background-color:#AE8D50 }
```

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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