

# Converting Colors

Hex(AE8931)

Have a look what the booklet for  
Hex(AE8931) contains.

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**Color**

**Hex(AE8931)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AE8931
RGB	174, 137, 49
RGB Percent	68%, 54%, 19%
CMY	0.3176, 0.4627, 0.8078
CMYK	0.00, 0.21, 0.72, 0.32
HSL	42°, 56%, 44%
HSV	42°, 72%, 68%
XYZ	26.9556, 27.1117, 6.7181
YIQ	138.0310, 50.3000, -19.5240

# Conversions

## Conversions Part 2

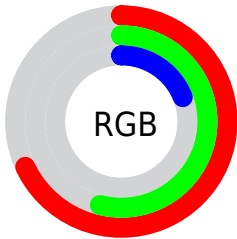
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 174, 49
Decimal	11438385
CIELab	59.08, 4.89, 50.41
CIELCh	59, 50.651, 84.456
Yxy	27.1117, 0.4435, 0.4460
Android (android.graphics.Color)	4289628465 (0xFFAE8931)
YUV	138.0310, -43.8923, 31.5448
Hunter-Lab	52.0689, 1.2871, 28.7985

# Details

The Hex color **AE8931** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **3156AE**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **E9BE64**, and **765800** is the 20% darker color. If you saturate the color by 10%, you get **AE8420**, and if you desaturate by 10%, it is **AE8E42**.

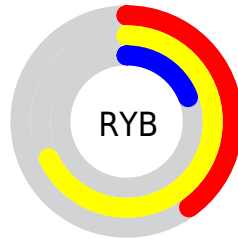
# Distribution



Red (68%)

Green (54%)

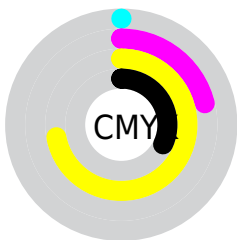
Blue (19%)



Red (40%)

Yellow (68%)

Blue (19%)

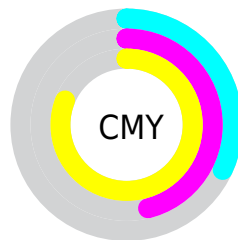


Cyan (0%)

Magenta (21%)

Yellow (72%)

Black (32%)



Cyan (32%)

Magenta (46%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE8931 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 AE8931 by changing the saturation by 10% instead.



 AE8931

 AE8931

FFFFFF

 927016

 E9BE64

 765800

 FFDA7F

 5B4000

 FFF699

 402B00

 FFFFB5

 271700

 FFFFD1

 020000

 FFFFEE

 000000

 AE8931

 AE8931

 AE8420

 AE8E42

■ AE7F0E

■ AE9354

■ AE7A00

■ AE9865

■ AE9E77

■ AEA388

■ AEA899

■ AEADAB

■ AEB2BC

■ AEB7CE

# Harmonies

## Analogous

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



CF7847



AE8931



839738

# Triad

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



AE8931



00A4B2



BD74C2

# Complementary

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



AE8931



3156AE

# 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.



8286DF



AE8931



009FD6

# Square

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



AE8931



00A484



0096E7



DB6798

# Rectangle

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



AE8931



609D4C



0096E7



AD7ACE



# Sweetspot

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



AE8931



E3D4B1



AE3157



736A55



F2F2F2



737373



# Same Dimension

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



AE8931



E3A920



95AE31



57544E



966A00



171000



# Inverse Universe

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



3156AE



205AE3



4A31AE



4E5157



002D96



000717



# Previews

## White Background



This preview shows how the Hex color AE8931 looks on a white background.

## Color Contrast Check

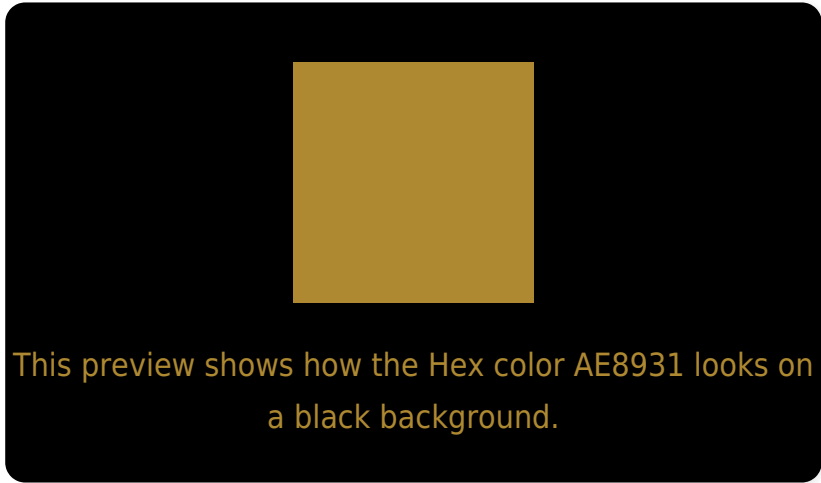
Large Text (above 18pt) WCAG AA ✓ Pass

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 AE8931 Background



This preview shows how black text looks on a background with the Hex color AE8931.



This preview shows how white text looks on a background with the Hex color AE8931.

# 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**  
AE8931

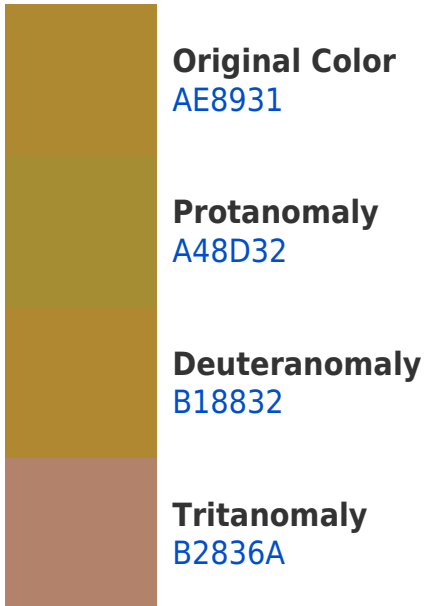
**Protanopia**  
9F8F33

**Deuteranopia**  
B28732

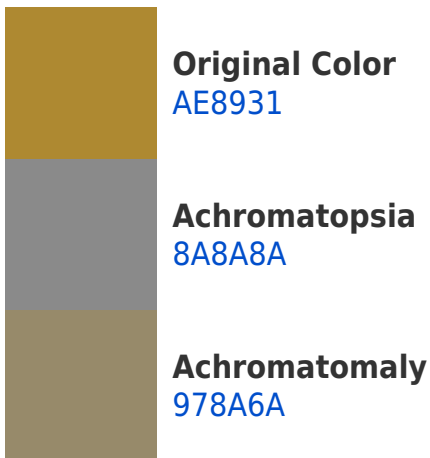


**Tritanopia**  
B4808A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE8931 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 #AE8931 looks like.

```
.text, #text, p{  
    color:#AE8931  
}
```

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 #AE8931 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE8931
}
```

## Border

The CSS property to change the border of an element to Hex AE8931 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
#AE8931 }
```

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

```
.border{ border-color:#AE8931 }
```

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

Here you see how a box with a 4 pixel #AE8931 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE8931; -webkit-box-shadow:4px 4px  
4px 4px #AE8931; box-shadow:4px 4px 4px  
4px #AE8931 }
```

# Background

The CSS property to change the background color of an element to Hex AE8931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE8931 }
```

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

```
.background{ background-color:#AE8931 }
```

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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