

# Converting Colors

Hex(AE973D)

Have a look what the booklet for  
Hex(AE973D) contains.

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# **Color**

**Hex(AE973D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AE973D
RGB	174, 151, 61
RGB Percent	68%, 59%, 24%
CMY	0.3176, 0.4078, 0.7608
CMYK	0.00, 0.13, 0.65, 0.32
HSL	48°, 48%, 46%
HSV	48°, 65%, 68%
XYZ	29.3645, 31.4688, 8.9413
YIQ	147.6170, 42.5980, -23.1140

# Conversions

## Conversions Part 2

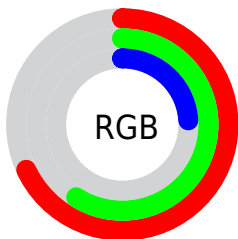
Format	Color
<a href="#">RYB</a>	<a href="#">90, 174, 61</a>
Decimal	<a href="#">11441981</a>
CIELab	<a href="#">62.90, -2.08, 49.11</a>
CIElCh	<a href="#">63, 49.150, 92.427</a>
Yxy	<a href="#">31.4688, 0.4208, 0.4510</a>
Android (android.graphics.Color)	<a href="#">4289632061 (0xFFAE973D)</a>
YUV	<a href="#">147.6170, -42.7022, 23.1379</a>
Hunter-Lab	<a href="#">56.0971, -4.7326, 29.8177</a>

# Details

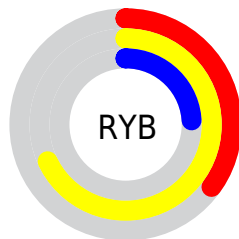
The Hex color **AE973D** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3D54AE**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **E8CD70**, and **766403** is the 20% darker color. If you saturate the color by 10%, you get **AE932C**, and if you desaturate by 10%, it is **AE9B4E**.

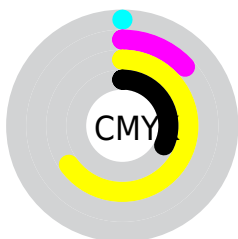
# Distribution



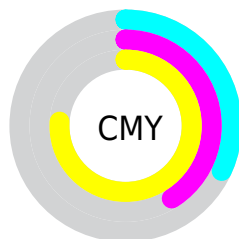
- Red (68%)
- Green (59%)
- Blue (24%)



- Red (35%)
- Yellow (68%)
- Blue (24%)



- Cyan (0%)
- Magenta (13%)
- Yellow (65%)
- Black (32%)



- Cyan (32%)
- Magenta (41%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE973D 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 AE973D by changing the saturation by 10% instead.



 AE973D

 AE973D

FFFFFF

 927D23

 E8CD70

 766403

 FFE98B

 5C4D00

 FFFFA6

 423600

 FFFFC2

 282100

 FFFFDE

 0B0C00

 FFFFFB

 000000

 AE973D

 AE973D

 AE932C

 AE9B4E

■ AE901A

■ AE9E60

■ AE8C09

■ AEA271

■ AE8B00

■ AEA583

■ AEA994

■ AEACA5

■ AEB0B7

■ AEB3C8

■ AEB7DA

# Harmonies

## Analogous

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



D1874B



AE973D



81A34B

# Triad

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



AE973D



00ADC6



D17BC1

# Complementary

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



AE973D



3D54AE

# 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.



A08BE2



AE973D



00A7E5

# Square

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



AE973D



00AE9A



4C9CEF



E87296

# Rectangle

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



AE973D



5CA961



4C9CEF



C380CE



# Sweetspot

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



AE973D



E3DAB8



AE3D55



736D58



F2F2F2



737373



# Same Dimension

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



AE973D



E3BF32



8EAE3D



57554E



967800



171200



# Inverse Universe

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



3D54AE



3256E3



5D3DAE



4E5057



001F96



000517



# Previews

## White Background



This preview shows how the Hex color AE973D looks on a white background.

## Color Contrast Check

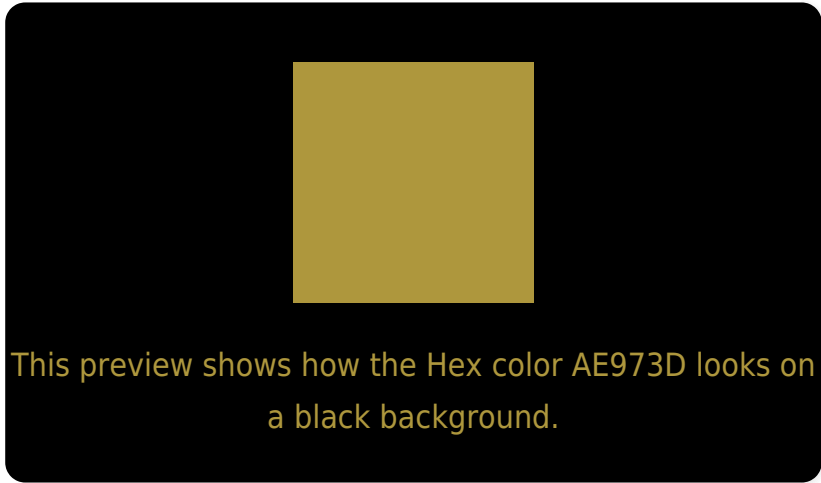
Large Text (above 18pt) WCAG AA × Fail

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 AE973D Background



This preview shows how black text looks on a background with the Hex color AE973D.



This preview shows how white text looks on a background with the Hex color AE973D.

# 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**  
AE973D

**Protanopia**  
AA993D

**Deuteranopia**  
BD913F

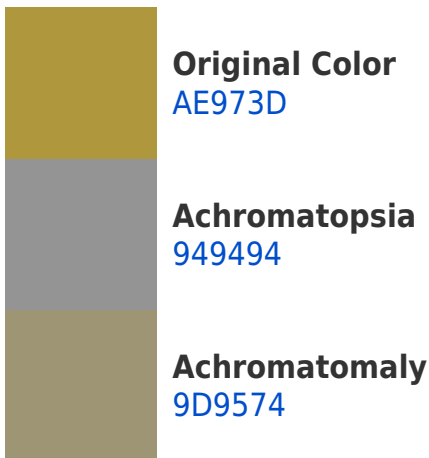


**Tritanopia**  
B68E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE973D 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 #AE973D looks like.

```
.text, #text, p{  
    color:#AE973D  
}
```

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 #AE973D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE973D
}
```

## Border

The CSS property to change the border of an element to Hex AE973D 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
#AE973D }
```

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

```
.border{ border-color:#AE973D }
```

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

Here you see how a box with a 4 pixel #AE973D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE973D; -webkit-box-shadow:4px 4px  
4px 4px #AE973D; box-shadow:4px 4px 4px  
4px #AE973D }
```

# Background

The CSS property to change the background color of an element to Hex AE973D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE973D }
```

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

```
.background{ background-color:#AE973D }
```

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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