

# Converting Colors

Hex(AA973B)

Have a look what the booklet for  
Hex(AA973B) contains.

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# **Color**

**Hex(AA973B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AA973B
RGB	170, 151, 59
RGB Percent	67%, 59%, 23%
CMY	0.3333, 0.4078, 0.7686
CMYK	0.00, 0.11, 0.65, 0.33
HSL	50°, 48%, 45%
HSV	50°, 65%, 67%
XYZ	28.4336, 30.9950, 8.6217
YIQ	146.1930, 40.8560, -24.5840

# Conversions

## Conversions Part 2

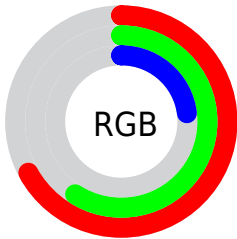
<b>Format</b>	<b>Color</b>
<b>RYB</b>	82, 170, 59
Decimal	11179835
CIELab	62.50, -3.98, 49.47
CIELCh	63, 49.627, 94.595
Yxy	30.9950, 0.4178, 0.4555
Android (android.graphics.Color)	4289369915 (0xFFAA973B)
YUV	146.1930, -42.9861, 20.8787
Hunter-Lab	55.6732, -6.2640, 29.7894

# Details

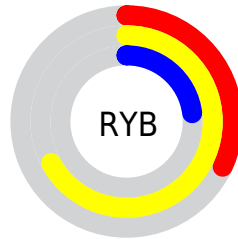
The Hex color **AA973B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3B4EAA**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **E4CD6F**, and **736400** is the 20% darker color. If you saturate the color by 10%, you get **AA942A**, and if you desaturate by 10%, it is **AA9A4C**.

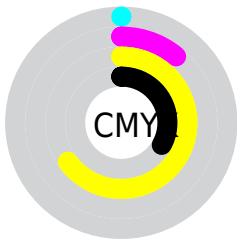
# Distribution



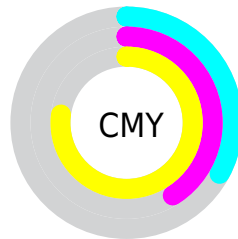
- Red (67%)
- Green (59%)
- Blue (23%)



- Red (32%)
- Yellow (67%)
- Blue (23%)



- Cyan (0%)
- Magenta (11%)
- Yellow (65%)
- Black (33%)



- Cyan (33%)
- Magenta (41%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA973B 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 AA973B by changing the saturation by 10% instead.



■ AA973B

■ AA973B

FFFFFF

■ 8E7D21

■ E4CD6F

■ 736400

■ FFE989

■ 584D00

■ FFFFA4

■ 3E3600

■ FFFFC0

■ 252100

■ FFFFDC

■ 040C00

■ FFFFF9

■ 000000

■ AA973B

■ AA973B

■ AA942A

■ AA9A4C

■ AA9119

■ AA9D5D

■ AA8E08

■ AAA06E

■ AA8D00

■ AAA37F

■ AAA690

■ AAA8A1

■ AAABB2

■ AAAEC3

■ AAB1D4

# Harmonies

## Analogous

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



CE8747



AA973B



7CA34B

# Triad

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



AA973B



00ACC8



D378BE

# Complementary

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



AA973B



3B4EAA

# 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.



A389E0



AA973B



00A6E6

# Square

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



AA973B



00AD9D



529AEF



E87192

# Rectangle

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



AA973B



56A862



529AEF



C67DCB



# Sweetspot

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



AA973B



DED6B1



AA3B4F



706C55



F0F0F0



707070



# Same Dimension

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



AA973B



DEC031



87AA3B



54534C



947B00



141100



# Inverse Universe

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



3B4EAA



314EDE



5E3BAA



4C4D54



001994



000314



# Previews

## White Background



This preview shows how the Hex color AA973B looks on a white background.

## Color Contrast Check

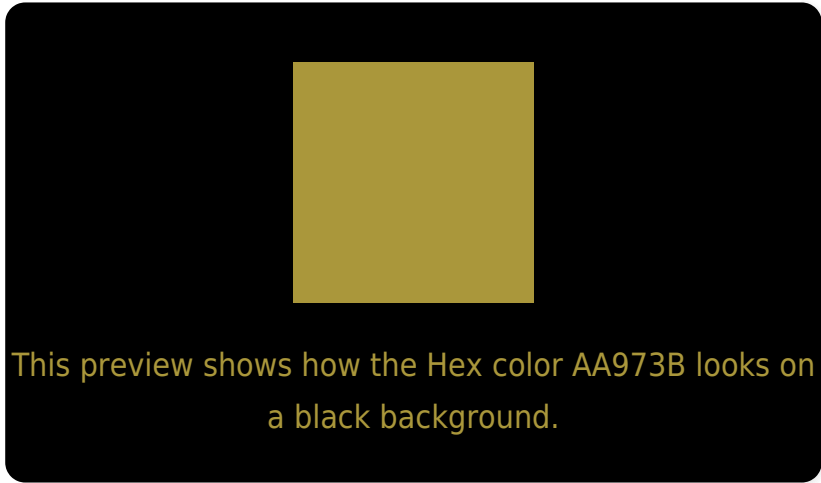
Large Text (above 18pt) WCAG AA × Fail

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

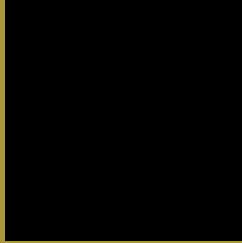
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AA973B Background



This preview shows how black text looks on a background with the Hex color AA973B.



This preview shows how white text looks on a background with the Hex color AA973B.

# 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**

AA973B

**Protanopia**

A9973B

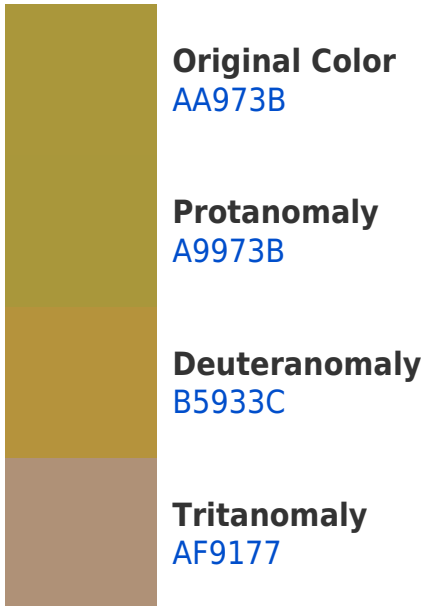
**Deuteranopia**

BC903D

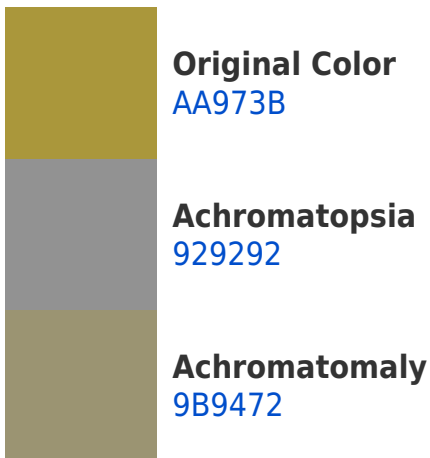


**Tritanopia**  
B28E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA973B 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 #AA973B looks like.

```
.text, #text, p{  
    color:#AA973B  
}
```

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 #AA973B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA973B
}
```

## Border

The CSS property to change the border of an element to Hex AA973B 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
#AA973B }
```

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

```
.border{ border-color:#AA973B }
```

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

Here you see how a box with a 4 pixel #AA973B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA973B; -webkit-box-shadow:4px 4px  
4px 4px #AA973B; box-shadow:4px 4px 4px  
4px #AA973B }
```

# Background

The CSS property to change the background color of an element to Hex AA973B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA973B }
```

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

```
.background{ background-color:#AA973B }
```

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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