

# Converting Colors

Hex(4B973A)

Have a look what the booklet for  
Hex(4B973A) contains.

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**Color**

**Hex(4B973A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4B973A
RGB	75, 151, 58
RGB Percent	29%, 59%, 23%
CMY	0.7059, 0.4078, 0.7725
CMYK	0.50, 0.00, 0.62, 0.41
HSL	109°, 44%, 41%
HSV	109°, 62%, 59%
XYZ	14.7320, 23.9346, 7.8464
YIQ	117.6740, -15.4430, -45.0350

# Conversions

## Conversions Part 2

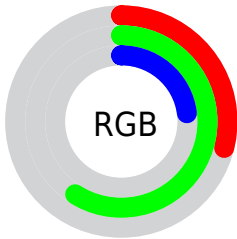
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 151, 134
Decimal	4953914
CIELab	56.02, -41.86, 40.95
CIElCh	56, 58.557, 135.629
Yxy	23.9346, 0.3167, 0.5146
Android (android.graphics.Color)	4283143994 (0xFF4B973A)
YUV	117.6740, -29.4193, -37.4251
Hunter-Lab	48.9230, -31.8642, 24.7370

# Details

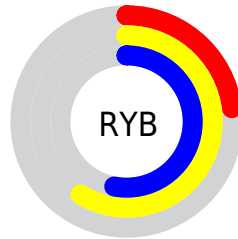
The Hex color **4B973A** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **863A97**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **82CE6D**, and **0A6303** is the 20% darker color. If you saturate the color by 10%, you get **3F972B**, and if you desaturate by 10%, it is **579749**.

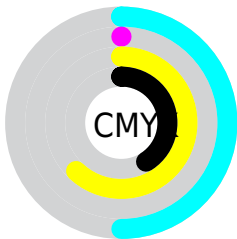
# Distribution



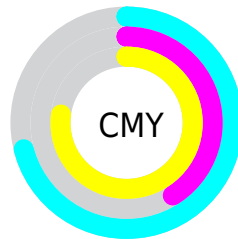
- Red (29%)
- Green (59%)
- Blue (23%)



- Red (23%)
- Yellow (59%)
- Blue (53%)



- Cyan (50%)
- Magenta (0%)
- Yellow (62%)
- Black (41%)



- Cyan (71%)
- Magenta (41%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B973A 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 4B973A by changing the saturation by 10% instead.



 4B973A

 4B973A

FFFFFF

 2F7D21

 82CE6D

 0A6303

 9EEA87

 004A00

 BAFFA2

 003300

 D7FFBD

 001D00

 F4FFD9

 000000

 FFFFF6

 4B973A

 4B973A

 3F972B

 579749

■ 32971C

■ 649758

■ 26970D

■ 709767

■ 1C9700

■ 7C9776

■ 899786

■ 959795

■ A197A4

■ AE97B3

■ BA97C2

# Harmonies

## Analogous

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



878C14



4B973A



009D6B

# Triad

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



4B973A



0093E9



E2566E

# Complementary

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



4B973A



863A97

# 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.



D659A1



4B973A



5483E9

# Square

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



4B973A



009CCE



AA6DCE



D5663F

# Rectangle

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



4B973A



009E8F



AA6DCE



E1547F



# Sweetspot

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



4B973A



A7C4A1



97863A



52634E



E3E3E3



636363



# Same Dimension

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



4B973A



4EC433



3A9757



464D45



1A8C00



020D00



# Inverse Universe

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



863A97



AA33C4



973A7A



4B454D



73008C



0A000D



# Previews

## White Background



This preview shows how the Hex color 4B973A looks on a white background.

## Color Contrast Check

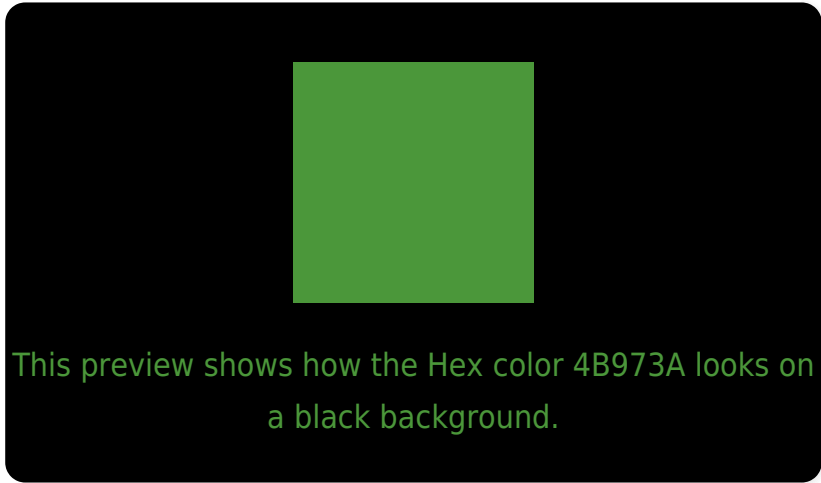
Large Text (above 18pt) WCAG AA ✓ Pass

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 4B973A Background



This preview shows how black text looks on a background with the Hex color 4B973A.

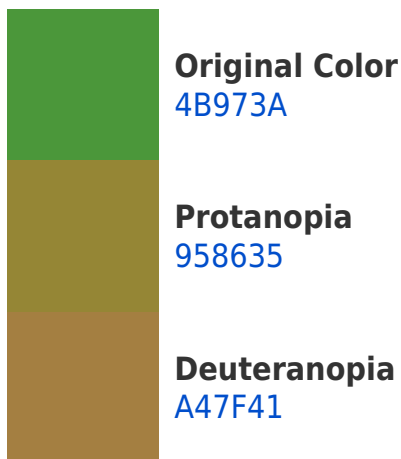


This preview shows how white text looks on a background with the Hex color 4B973A.

# 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





**Tritanopia**  
5D8D99

# Trichromacy



**Original Color**  
4B973A



**Protanomaly**  
7A8C37



**Deuteranomaly**  
84883E



**Tritanomaly**  
569176

# Monochromacy



**Original Color**  
4B973A



**Achromatopsia**  
767676



**Achromatomaly**  
668260

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B973A 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 #4B973A looks like.

```
.text, #text, p{  
    color:#4B973A  
}
```

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 #4B973A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B973A
}
```

## Border

The CSS property to change the border of an element to Hex 4B973A 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
#4B973A }
```

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

```
.border{ border-color:#4B973A }
```

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

Here you see how a box with a 4 pixel #4B973A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B973A; -webkit-box-shadow:4px 4px  
4px 4px #4B973A; box-shadow:4px 4px 4px  
4px #4B973A }
```

# Background

The CSS property to change the background color of an element to Hex 4B973A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B973A }
```

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

```
.background{ background-color:#4B973A }
```

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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