

# Converting Colors

Hex(7A973C)

Have a look what the booklet for  
Hex(7A973C) contains.

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**Color**

**Hex(7A973C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A973C
RGB	122, 151, 60
RGB Percent	48%, 59%, 24%
CMY	0.5216, 0.4078, 0.7647
CMYK	0.19, 0.00, 0.60, 0.41
HSL	79°, 43%, 41%
HSV	79°, 60%, 59%
XYZ	19.9083, 26.5970, 8.3594
YIQ	131.9550, 11.9270, -34.4490

# Conversions

## Conversions Part 2

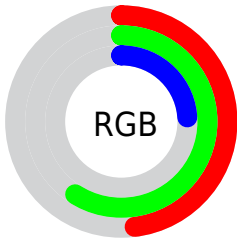
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 151, 89
Decimal	8034108
CIELab	58.60, -24.61, 43.62
CIElCh	59, 50.080, 119.433
Yxy	26.5970, 0.3629, 0.4848
Android (android.graphics.Color)	4286224188 (0xFF7A973C)
YUV	131.9550, -35.4738, -8.7305
Hunter-Lab	51.5723, -21.3459, 26.4902

# Details

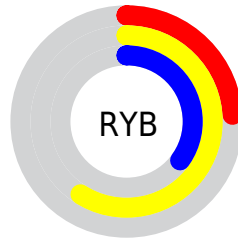
The Hex color **7A973C** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **593C97**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **B0CD6F**, and **466404** is the 20% darker color. If you saturate the color by 10%, you get **75972D**, and if you desaturate by 10%, it is **7F974B**.

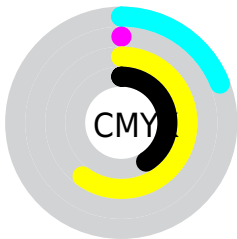
# Distribution



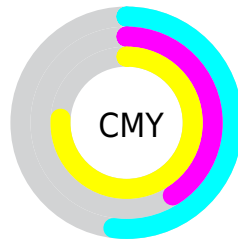
- Red (48%)
- Green (59%)
- Blue (24%)



- Red (24%)
- Yellow (59%)
- Blue (35%)



- Cyan (19%)
- Magenta (0%)
- Yellow (60%)
- Black (41%)



- Cyan (52%)
- Magenta (41%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A973C 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 7A973C by changing the saturation by 10% instead.





7A973C



7A973C

FFFFFF



607D23



B0CD6F



466404



CDEA89



2D4C00



E9FFA4



143500



FFFFC0



002100



FFFFDC



000000



FFFFF9



7A973C



7A973C



75972D



7F974B

70971E

84975A

6C970F

889769

679700

8D9778

929788

979797

9C97A6

A097B5

A597C4

# Harmonies

## Analogous

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



A68A30



7A973C



3E9F5E

# Triad

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



7A973C



009DD8



DB6690

# Complementary

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



7A973C



593C97

# 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.



C270BA



7A973C



2692E5

# Square

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



7A973C



00A2B7



8D82DA



DC6B64

# Rectangle

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



7A973C



00A27B



8D82DA



D6689E



# Sweetspot

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



7A973C



B9C4A1



97593C



5C634E



E3E3E3



636363



# Same Dimension

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



7A973C



97C437



4D973C



4A4D45



608C00



090D00



# Inverse Universe

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



593C97



6437C4



863C97



47454D



2D008C



04000D



# Previews

## White Background



This preview shows how the Hex color 7A973C looks on a white background.

## Color Contrast Check

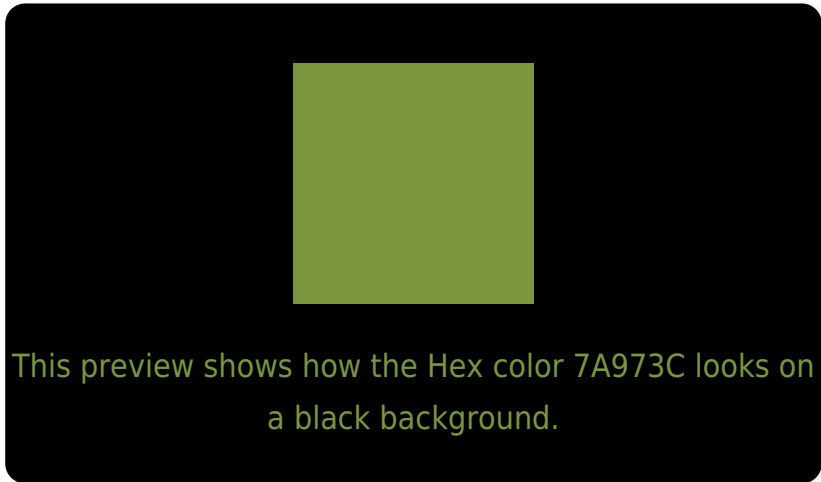
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A973C Background



This preview shows how black text looks on a background with the Hex color 7A973C.

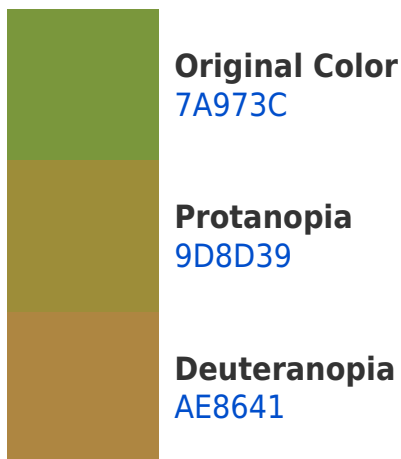


This preview shows how white text looks on a background with the Hex color 7A973C.

# 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](#).

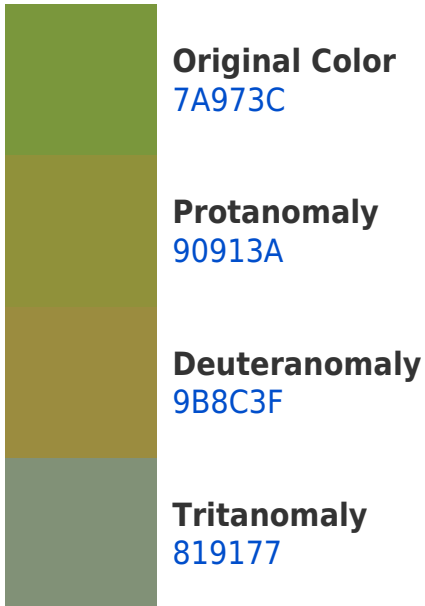
## Dichromacy





**Tritanopia**  
858E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A973C 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 #7A973C looks like.

```
.text, #text, p{  
    color:#7A973C  
}
```

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 #7A973C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A973C
}
```

## Border

The CSS property to change the border of an element to Hex 7A973C 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
#7A973C }
```

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

```
.border{ border-color:#7A973C }
```

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

Here you see how a box with a 4 pixel #7A973C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A973C; -webkit-box-shadow:4px 4px  
4px 4px #7A973C; box-shadow:4px 4px 4px  
4px #7A973C }
```

# Background

The CSS property to change the background color of an element to Hex 7A973C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A973C }
```

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

```
.background{ background-color:#7A973C }
```

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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