

# Converting Colors

Hex(7B973D)

Have a look what the booklet for  
Hex(7B973D) contains.

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**Color**

**Hex(7B973D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B973D
RGB	123, 151, 61
RGB Percent	48%, 59%, 24%
CMY	0.5176, 0.4078, 0.7608
CMYK	0.19, 0.00, 0.60, 0.41
HSL	79°, 42%, 42%
HSV	79°, 60%, 59%
XYZ	20.0773, 26.6811, 8.5067
YIQ	132.3680, 12.2020, -33.9260

# Conversions

## Conversions Part 2

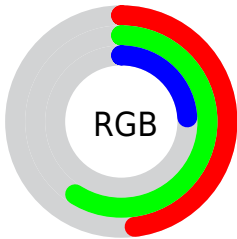
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 151, 89
Decimal	8099645
CIELab	58.68, -24.11, 43.26
CIElCh	59, 49.521, 119.135
Yxy	26.6811, 0.3633, 0.4828
Android (android.graphics.Color)	4286289725 (0xFF7B973D)
YUV	132.3680, -35.1844, -8.2157
Hunter-Lab	51.6537, -21.0129, 26.3934

# Details

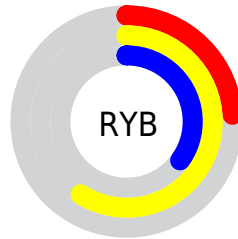
The Hex color **7B973D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **593D97**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **B1CD70**, and **476406** is the 20% darker color. If you saturate the color by 10%, you get **76972E**, and if you desaturate by 10%, it is **80974C**.

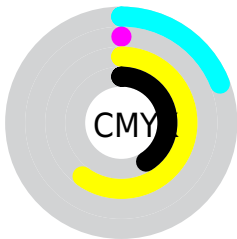
# Distribution



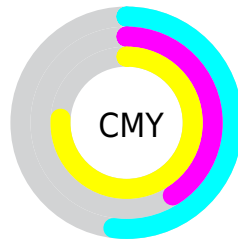
- Red (48%)
- Green (59%)
- Blue (24%)



- 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 7B973D 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 7B973D by changing the saturation by 10% instead.



 7B973D

 7B973D

FFFFFF

 617D24

 B1CD70

 476406

 CEEA8A

 2E4C00

 EAFFA5

 153500

 FFFFC1

 002100

 FFFFDD

 000000

 FFFFFA

 7B973D

 7B973D

 76972E

 80974C

■ 72971F

■ 84975B

■ 6D9710

■ 89976A

■ 689701

■ 8E9779

■ 689700

■ 929789

■ 979798

■ 9C97A7

■ A197B6

■ A597C5

# Harmonies

## Analogous

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



A68A32



7B973D



419F5F

# Triad

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



7B973D



009DD7



DB6790

# Complementary

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



7B973D



593D97

# 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.



C171BA



7B973D



2892E4

# Square

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



7B973D



00A2B6



8D82D9



DB6B65

# Rectangle

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



7B973D



00A27B



8D82D9



D5699F



# Sweetspot

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



7B973D



B9C4A1



97583D



5D634E



E3E3E3



636363



# Same Dimension

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



7B973D



98C437



4F973D



4A4D45



618C00



090D00



# Inverse Universe

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



593D97



6337C4



853D97



47454D



2C008C



04000D



# Previews

## White Background



This preview shows how the Hex color 7B973D looks on a white background.

## Color Contrast Check

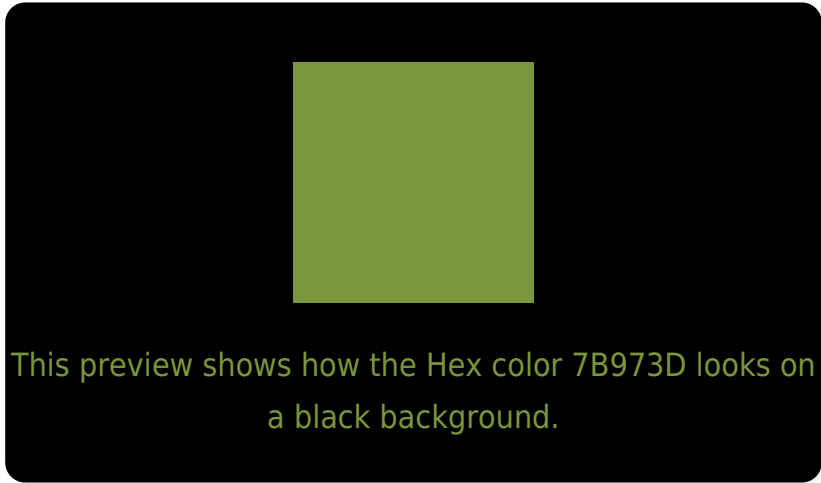
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B973D Background



This preview shows how black text looks on a background with the Hex color 7B973D.



This preview shows how white text looks on a background with the Hex color 7B973D.

# 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**  
7B973D

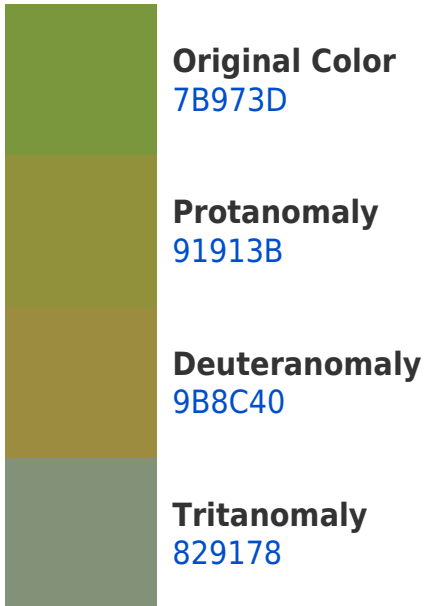
**Protanopia**  
9D8D3A

**Deuteranopia**  
AE8642

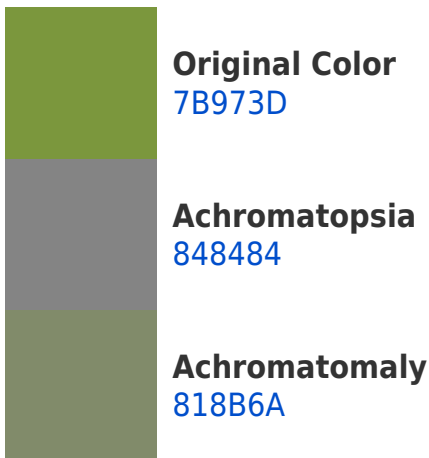


**Tritanopia**  
868E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B973D 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 #7B973D looks like.

```
.text, #text, p{  
    color:#7B973D  
}
```

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 #7B973D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B973D
}
```

## Border

The CSS property to change the border of an element to Hex 7B973D 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
#7B973D }
```

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

```
.border{ border-color:#7B973D }
```

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

Here you see how a box with a 4 pixel #7B973D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B973D; -webkit-box-shadow:4px 4px  
4px 4px #7B973D; box-shadow:4px 4px 4px  
4px #7B973D }
```

# Background

The CSS property to change the background color of an element to Hex 7B973D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B973D }
```

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

```
.background{ background-color:#7B973D }
```

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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