

# Converting Colors

Hex(7C953B)

Have a look what the booklet for  
Hex(7C953B) contains.

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**Color**

**Hex(7C953B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7C953B
RGB	124, 149, 59
RGB Percent	49%, 58%, 23%
CMY	0.5137, 0.4157, 0.7686
CMYK	0.17, 0.00, 0.60, 0.42
HSL	77°, 43%, 41%
HSV	77°, 60%, 58%
XYZ	19.8490, 26.0957, 8.1285
YIQ	131.2650, 13.9900, -33.2900

# Conversions

## Conversions Part 2

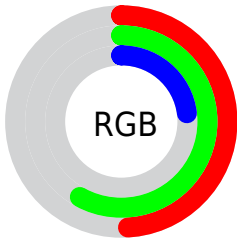
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 149, 84
Decimal	8164667
CIELab	58.13, -22.87, 43.59
CIELCh	58, 49.229, 117.684
Yxy	26.0957, 0.3671, 0.4826
Android (android.graphics.Color)	4286354747 (0xFF7C953B)
YUV	131.2650, -35.6266, -6.3714
Hunter-Lab	51.0840, -20.0396, 26.3246

# Details

The Hex color **7C953B** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **543B95**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **B2CB6E**, and **486203** is the 20% darker color. If you saturate the color by 10%, you get **78952C**, and if you desaturate by 10%, it is **80954A**.

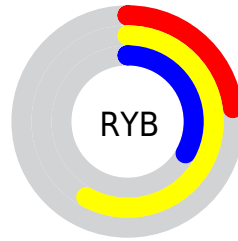
# Distribution



Red (49%)

Green (58%)

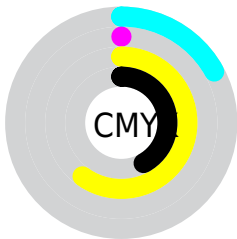
Blue (23%)



Red (23%)

Yellow (58%)

Blue (33%)

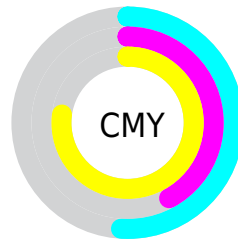


Cyan (17%)

Magenta (0%)

Yellow (60%)

Black (42%)



Cyan (51%)

Magenta (42%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C953B 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 7C953B by changing the saturation by 10% instead.





7C953B



7C953B

FFFFFF



627B22



B2CB6E



486203



CFE788



304A00



ECFFA3



163300



FFFFBF



001F00



FFFDB



000000



FFFFF8



7C953B



7C953B



78952C



80954A

■ 74951D

■ 849559

■ 70950E

■ 889568

■ 6C9500

■ 8D9577

■ 919586

■ 959594

■ 9995A3

■ 9D95B2

■ A195C1

# Harmonies

## Analogous

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



A78831



7C953B



439D5C

# Triad

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



7C953B



009CD4



D86691

# Complementary

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



7C953B



543B95

# 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.



BD70BA



7C953B



1C91E2

# Square

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



7C953B



00A1B2



8882D8



DA6A66

# Rectangle

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



7C953B



00A078



8882D8



D2689F



# Sweetspot

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



7C953B



B8C29F



95533B



5B614C



E0E0E0



616161



# Same Dimension

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



7C953B



9BC236



50953B



484A43



638A00



070A00



# Inverse Universe

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



543B95



5D36C2



803B95



45434A



26008A



03000A



# Previews

## White Background



This preview shows how the Hex color 7C953B looks on a white background.

## Color Contrast Check

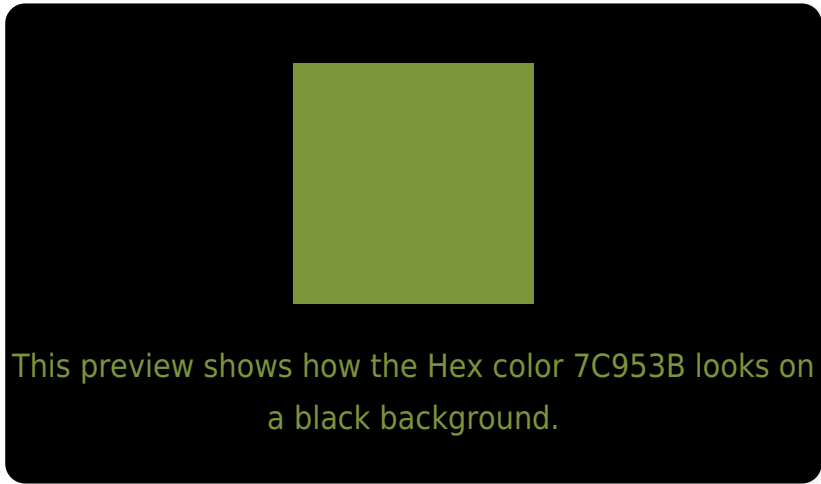
Large Text (above 18pt) WCAG AA ✓ Pass

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 7C953B Background



This preview shows how black text looks on a background with the Hex color 7C953B.

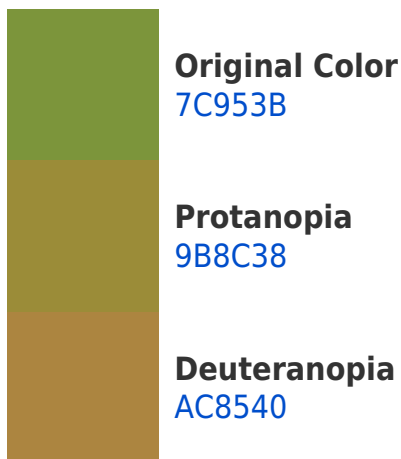


This preview shows how white text looks on a background with the Hex color 7C953B.

# 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



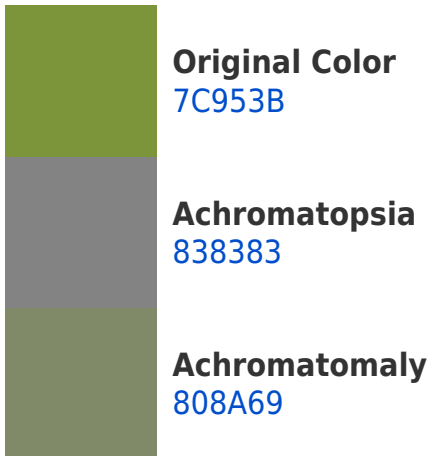


**Tritanopia**  
878C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C953B 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 #7C953B looks like.

```
.text, #text, p{  
    color:#7C953B  
}
```

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 #7C953B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C953B
}
```

## Border

The CSS property to change the border of an element to Hex 7C953B 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
#7C953B }
```

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

```
.border{ border-color:#7C953B }
```

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

Here you see how a box with a 4 pixel #7C953B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C953B; -webkit-box-shadow:4px 4px  
4px 4px #7C953B; box-shadow:4px 4px 4px  
4px #7C953B }
```

# Background

The CSS property to change the background color of an element to Hex 7C953B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C953B }
```

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

```
.background{ background-color:#7C953B }
```

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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