

# Converting Colors

Hex(7F903B)

Have a look what the booklet for  
Hex(7F903B) contains.

<b>Hex(7F903B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(7F903B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F903B
RGB	127, 144, 59
RGB Percent	50%, 56%, 23%
CMY	0.5020, 0.4353, 0.7686
CMYK	0.12, 0.00, 0.59, 0.44
HSL	72°, 42%, 40%
HSV	72°, 59%, 56%
XYZ	19.5151, 24.7743, 7.8910
YIQ	129.2270, 17.1530, -30.0390

# Conversions

## Conversions Part 2

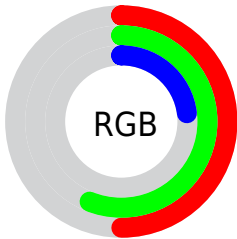
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 144, 76
Decimal	8359995
CIELab	56.85, -19.06, 42.23
CIELCh	57, 46.328, 114.290
Yxy	24.7743, 0.3740, 0.4748
Android (android.graphics.Color)	4286550075 (0xFF7F903B)
YUV	129.2270, -34.6219, -1.9531
Hunter-Lab	49.7738, -17.1187, 25.4419

# Details

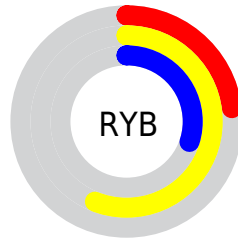
The Hex color **7F903B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4C3B90**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **B6C66D**, and **4B5E05** is the 20% darker color. If you saturate the color by 10%, you get **7C902D**, and if you desaturate by 10%, it is **829049**.

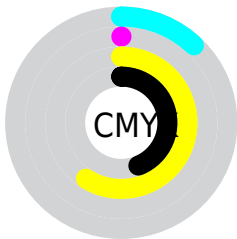
# Distribution



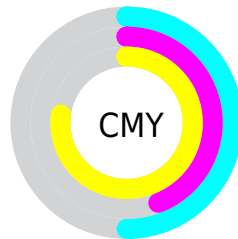
- Red (50%)
- Green (56%)
- Blue (23%)



- Red (23%)
- Yellow (56%)
- Blue (30%)



- Cyan (12%)
- Magenta (0%)
- Yellow (59%)
- Black (44%)



- Cyan (50%)
- Magenta (44%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F903B 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 7F903B by changing the saturation by 10% instead.



 7F903B

 7F903B

FFFFFF

 657622

 B6C66D

 4B5E05

 D2E288

 334600

 EFFEA3

 1A3000

 FFFFBE

 001C00

 FFFFDA

 000000

 FFFFF7

 7F903B

 7F903B

 7C902D

 829049

■ 79901E

■ 859058

■ 769010

■ 889066

■ 739001

■ 8B9075

■ 739000

■ 8D9083

■ 909091

■ 9390A0

■ 9690AE

■ 9990BD

# Harmonies

## Analogous

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



A68435



7F903B



4D9857

# Triad

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



7F903B



0098C9



CE6692

# Complementary

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



7F903B



4C3B90

# 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.



B371B8



7F903B



118FD9

# Square

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



7F903B



009CA8



7E81D2



D36869

# Rectangle

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



7F903B



0A9B71



7E81D2



C8689F



# Sweetspot

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



7F903B



B3BA99



904C3B



5A5E4A



DEDEDE



5E5E5E



# Same Dimension

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



7F903B



A0BA36



55903B



464740



6C8700



060800



# Inverse Universe

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



4C3B90



5036BA



773B90



424047



1B0087



020008



# Previews

## White Background



This preview shows how the Hex color 7F903B looks on a white background.

## Color Contrast Check

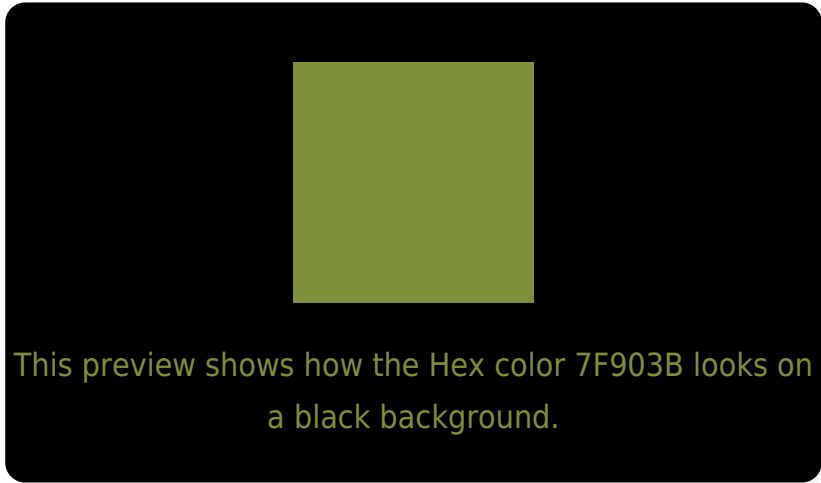
Large Text (above 18pt) WCAG AA ✓ Pass

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

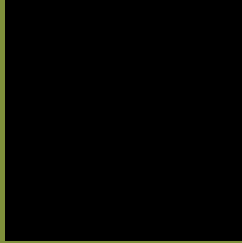
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7F903B Background



This preview shows how black text looks on a background with the Hex color 7F903B.



This preview shows how white text looks on a background with the Hex color 7F903B.

# 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**  
898792

# Trichromacy



**Original Color**  
7F903B

**Protanomaly**  
8F8B3A

**Deuteranomaly**  
99873E

**Tritanomaly**  
858A72

# Monochromacy



**Original Color**  
7F903B

**Achromatopsia**  
818181

**Achromatomaly**  
808668

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F903B 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 #7F903B looks like.

```
.text, #text, p{  
    color:#7F903B  
}
```

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 #7F903B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F903B
}
```

## Border

The CSS property to change the border of an element to Hex 7F903B 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
#7F903B }
```

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

```
.border{ border-color:#7F903B }
```

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

Here you see how a box with a 4 pixel #7F903B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F903B; -webkit-box-shadow:4px 4px  
4px 4px #7F903B; box-shadow:4px 4px 4px  
4px #7F903B }
```

# Background

The CSS property to change the background color of an element to Hex 7F903B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F903B }
```

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

```
.background{ background-color:#7F903B }
```

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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