

# Converting Colors

Hex(7B693F)

Have a look what the booklet for  
Hex(7B693F) contains.

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**Color**

**Hex(7B693F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B693F
RGB	123, 105, 63
RGB Percent	48%, 41%, 25%
CMY	0.5176, 0.5882, 0.7529
CMYK	0.00, 0.15, 0.49, 0.52
HSL	42°, 32%, 36%
HSV	42°, 49%, 48%
XYZ	14.1172, 14.6730, 6.7907
YIQ	105.5940, 24.2100, -9.2460

# Conversions

## Conversions Part 2

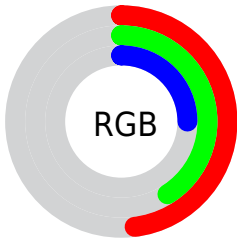
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 123, 63
Decimal	8087871
CIELab	45.18, 1.07, 26.17
CIELCh	45, 26.196, 87.652
Yxy	14.6730, 0.3968, 0.4124
Android (android.graphics.Color)	4286277951 (0xFF7B693F)
YUV	105.5940, -20.9988, 15.2651
Hunter-Lab	38.3053, -1.2494, 16.3028

# Details

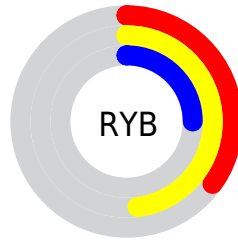
The Hex color **7B693F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3F517B**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **B19C6F**, and **483A12** is the 20% darker color. If you saturate the color by 10%, you get **7B6533**, and if you desaturate by 10%, it is **7B6D4B**.

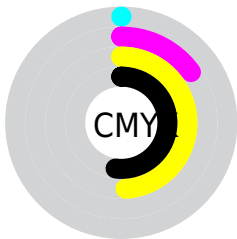
# Distribution



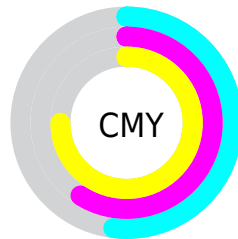
- Red (48%)
- Green (41%)
- Blue (25%)



- Red (35%)
- Yellow (48%)
- Blue (25%)



- Cyan (0%)
- Magenta (15%)
- Yellow (49%)
- Black (52%)



- Cyan (52%)
- Magenta (59%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B693F 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 7B693F by changing the saturation by 10% instead.





7B693F



7B693F

FFFFFF



615128



B19C6F



483A12



CDB789



322500



E9D2A4



191000



FFEFBF



000000



FFFFDB



FFFFF7



7B693F



7B693F



7B6533



7B6D4B

■ 7B6226

■ 7B7058

■ 7B5E1A

■ 7B7464

■ 7B5A0E

■ 7B7870

■ 7B5702

■ 7B7B7D

■ 7B5600

■ 7B7F89

■ 7B8395

■ 7B87A1

■ 7B8AAE

# Harmonies

## Analogous

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



8C6147



7B693F



657043

# Triad

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



7B693F



14767E



855E83

# Complementary

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



7B693F



3F517B

# 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.



6B6692



7B693F



23738F

# Square

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



7B693F



2E7768



496E96



935A6E

# Rectangle

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



7B693F



54734D



496E96



7D6189



# Sweetspot

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



7B693F



A19989



7B3F51



524D43



D1D1D1



525252



# Same Dimension

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



7B693F



A18442



6F7B3F



3D3B37



7D5700



FCB100



# Inverse Universe

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



3F517B



425EA1



4B3F7B



37393D



00257D



004CFC



# Previews

## White Background



This preview shows how the Hex color 7B693F looks on a white background.

## Color Contrast Check

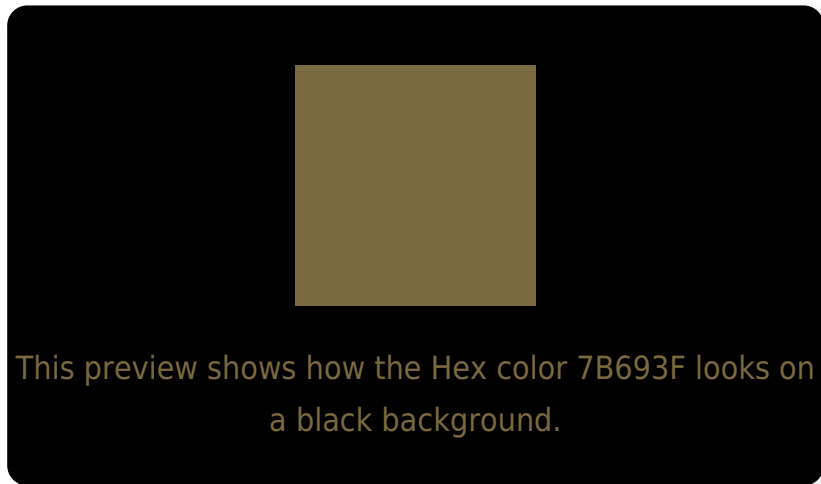
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

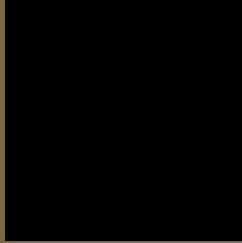
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B693F Background



This preview shows how black text looks on a background with the Hex color 7B693F.



This preview shows how white text looks on a background with the Hex color 7B693F.

# 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**

7B693F

**Protanopia**

756B40

**Deuteranopia**

826640



**Tritanopia**  
7F646B

# Trichromacy



**Original Color**  
7B693F

**Protanomaly**  
776A40

**Deuteranomaly**  
7F6740

**Tritanomaly**  
7E665B

# Monochromacy



**Original Color**  
7B693F

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
706A5A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B693F 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 #7B693F looks like.

```
.text, #text, p{  
    color:#7B693F  
}
```

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 #7B693F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B693F
}
```

## Border

The CSS property to change the border of an element to Hex 7B693F is called "border". The border property can be set on classes, ids or directly on the HTML element.

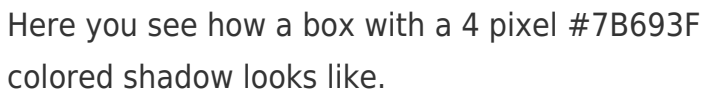
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B693F }
```

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

```
.border{ border-color:#7B693F }
```

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



Here you see how a box with a 4 pixel #7B693F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B693F; -webkit-box-shadow:4px 4px  
4px 4px #7B693F; box-shadow:4px 4px 4px  
4px #7B693F }
```

# Background

The CSS property to change the background color of an element to Hex 7B693F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B693F }
```

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

```
.background{ background-color:#7B693F }
```

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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