

Converting Colors

Hex(78693C)

Have a look what the booklet for
Hex(78693C) contains.

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Color

Hex(78693C)

Conversions

Conversions Part 1

Format	Color
Hex	78693C
RGB	120, 105, 60
RGB Percent	47%, 41%, 24%
CMY	0.5294, 0.5882, 0.7647
CMYK	0.00, 0.13, 0.50, 0.53
HSL	45°, 33%, 35%
HSV	45°, 50%, 47%
XYZ	13.6129, 14.4225, 6.3413
YIQ	104.3550, 23.3850, -10.8150

Conversions

Conversions Part 2

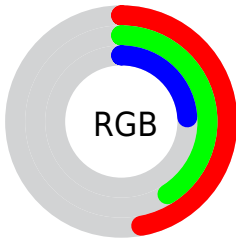
Format	Color
R_{YB}	80, 120, 60
Decimal	7891260
CIE Lab	44.83, -0.61, 27.36
CIE LCh	45, 27.367, 91.274
Yxy	14.4225, 0.3960, 0.4195
Android (android.graphics.Color)	4286081340 (0xFF78693C)
YUV	104.3550, -21.8670, 13.7207
Hunter-Lab	37.9769, -2.4759, 16.6837

Details

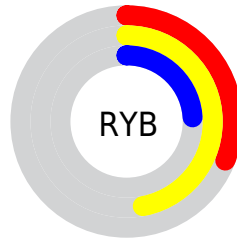
The Hex color **78693C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3C4B78**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **AE9C6C**, and **463A0F** is the 20% darker color. If you saturate the color by 10%, you get **786630**, and if you desaturate by 10%, it is **786C48**.

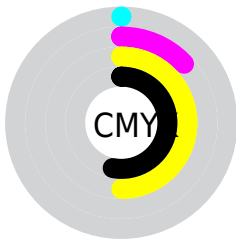
Distribution



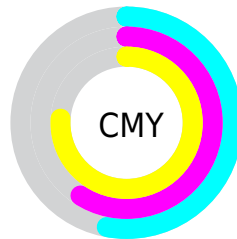
- Red (47%)
- Green (41%)
- Blue (24%)



- Red (31%)
- Yellow (47%)
- Blue (24%)



- Cyan (0%)
- Magenta (13%)
- Yellow (50%)
- Black (53%)



- Cyan (53%)
- Magenta (59%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78693C 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 78693C by changing the saturation by 10% instead.



78693C



78693C

FFFFFF



5E5125



AE9C6C



463A0F



CAB786



2F2500



E6D2A0



161000



FFEFBB



000000



FFFFD7



FFFFF4



78693C



78693C



786630



786C48

■ 786324

■ 786F54

■ 786018

■ 787260

■ 785D0C

■ 78756C

■ 785A00

■ 787878

■ 787B84

■ 787E90

■ 78819C

■ 7884A8

Harmonies

Analogous

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



8B6143



78693C



607042

Triad

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



78693C



007681



885C80

Complementary

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



78693C



3C4B78

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.



6E6491



78693C



1F7291

Square

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



78693C



24766A



4A6C97



95586A

Rectangle

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



78693C



4E734D



4A6C97



805E87

Sweetspot

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



78693C



9C9684



783C4B



4F4B41



CFCFCF



4F4F4F

Same Dimension

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



78693C



9C843E



69783C



3D3C37



7D5E00



FCBD00

Inverse Universe

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



3C4B78



3E569C



4B3C78



37393D



001F7D



003FFC

Previews

White Background



This preview shows how the Hex color 78693C looks on a white background.

Color Contrast Check

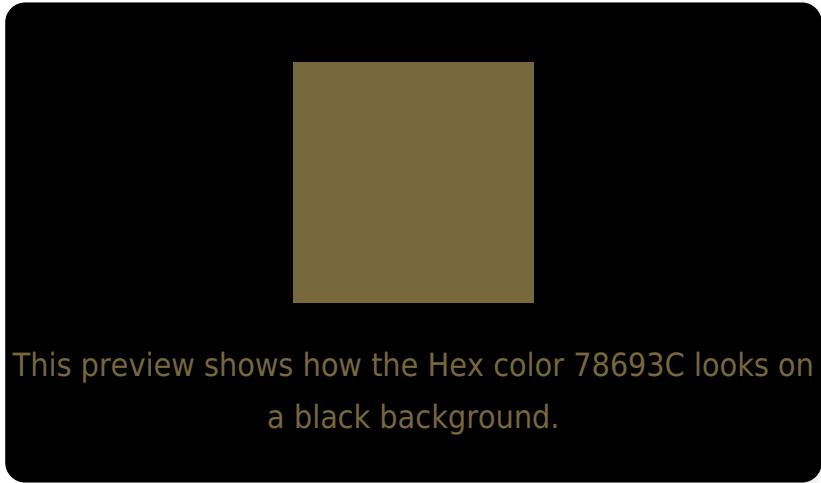
Large Text (above 18pt) WCAG AA ✓ Pass

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

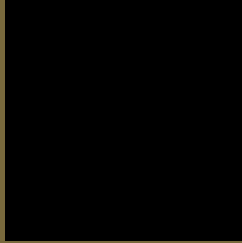
Any Text WCAG AA × Fail

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 78693C Background



This preview shows how black text looks on a background with the Hex color 78693C.

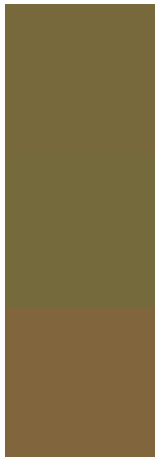


This preview shows how white text looks on a background with the Hex color 78693C.

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
78693C

Protanopia
756A3C

Deuteranopia
81653D



Tritanopia
7D636B

Trichromacy



Original Color
78693C

Protanomaly
766A3C

Deuteranomaly
7E663D

Tritanomaly
7B655A

Monochromacy



Original Color
78693C

Achromatopsia
686868

Achromatomaly
6E6858

CSS Examples

Text

The CSS property to change the color of the text to Hex 78693C 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 #78693C looks like.

```
.text, #text, p{  
    color:#78693C  
}
```

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 #78693C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78693C  
}
```

Border

The CSS property to change the border of an element to Hex 78693C 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  
#78693C }
```

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

```
.border{ border-color:#78693C }
```

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

Here you see how a box with a 4 pixel #78693C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78693C; -webkit-box-shadow:4px 4px  
4px 4px #78693C; box-shadow:4px 4px 4px  
4px #78693C }
```

Background

The CSS property to change the background color of an element to Hex 78693C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78693C }
```

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

```
.background{ background-color:#78693C }
```

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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