

Converting Colors

Hex(7B733E)

Have a look what the booklet for
Hex(7B733E) contains.

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Color

Hex(7B733E)

Conversions

Conversions Part 1

Format	Color
Hex	7B733E
RGB	123, 115, 62
RGB Percent	48%, 45%, 24%
CMY	0.5176, 0.5490, 0.7569
CMYK	0.00, 0.07, 0.50, 0.52
HSL	52°, 33%, 36%
HSV	52°, 50%, 48%
XYZ	15.1686, 16.8202, 7.0046
YIQ	111.3500, 21.7810, -14.7870

Conversions

Conversions Part 2

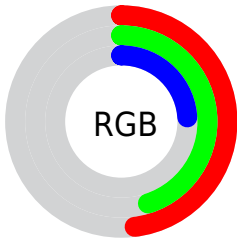
Format	Color
RYB	71, 123, 62
Decimal	8090430
CIELab	48.03, -4.79, 30.26
CIELCh	48, 30.641, 98.999
Yxy	16.8202, 0.3890, 0.4314
Android (android.graphics.Color)	4286280510 (0xFF7B733E)
YUV	111.3500, -24.3295, 10.2171
Hunter-Lab	41.0125, -5.7529, 18.5825

Details

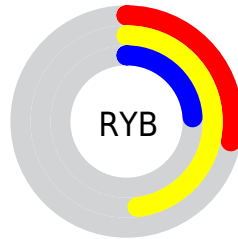
The Hex color **7B733E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3E467B**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **B1A76F**, and **484310** is the 20% darker color. If you saturate the color by 10%, you get **7B7132**, and if you desaturate by 10%, it is **7B754A**.

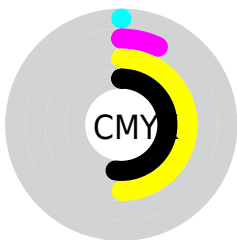
Distribution



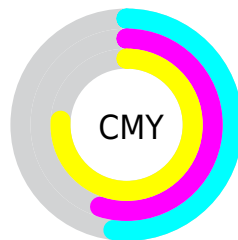
- Red (48%)
- Green (45%)
- Blue (24%)



- Red (28%)
- Yellow (48%)
- Blue (24%)



- Cyan (0%)
- Magenta (7%)
- Yellow (50%)
- Black (52%)



- Cyan (52%)
- Magenta (55%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B733E 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 7B733E by changing the saturation by 10% instead.

 7B733E

 7B733E


FFFFFF

 615B27

 B1A76F

 484310

 CDC289

 312D00

 E9DEA3

 191900

 FFFABE

 000000

 FFFFDA

 FFFFF7

 7B733E

 7B733E

 7B7132

 7B754A

 7B7025

 7B7657

 7B6E19

 7B7863

 7B6D0D

 7B796F

 7B6B00

 7B7B7C

 7B7D88

 7B7E94

 7B80A0

 7B82AD

Harmonies

Analogous

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



926A42



7B733E



5F7A49

Triad

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



7B733E



007E92



996085

Complementary

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



7B733E



3E467B

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.



7F689A



7B733E



247AA2

Square

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



7B733E



0B8079



5872A5



A45D6B

Rectangle

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



7B733E



4A7D56



5872A5



92628D

Sweetspot

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



7B733E



A19D89



7B3E46



525043



D1D1D1



525252

Same Dimension

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



7B733E



A19440



657B3E



3D3C37



7D6D00



FCDB00

Inverse Universe

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



3E467B



404DA1



543E7B



37383D



00107D



0021FC

Previews

White Background



This preview shows how the Hex color 7B733E looks on a white background.

Color Contrast Check

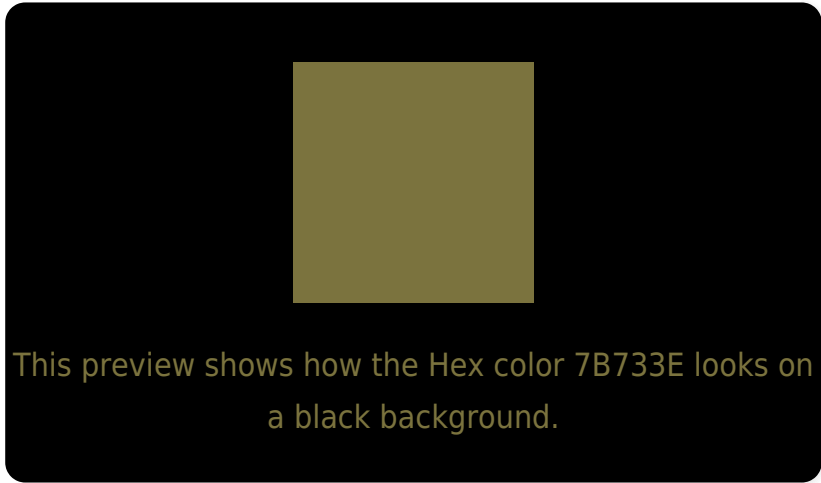
Large Text (above 18pt) WCAG AA ✓ Pass

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

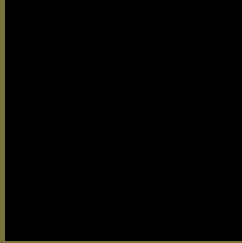
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

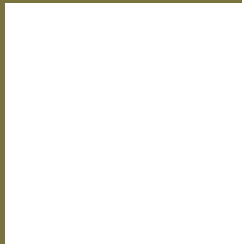
Any Text WCAG AAA × Fail

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

Hex 7B733E Background



This preview shows how black text looks on a background with the Hex color 7B733E.



This preview shows how white text looks on a background with the Hex color 7B733E.

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

7B733E

Protanopia

7E723E

Deuteranopia

8B6D3F



Tritanopia
816D75

Trichromacy



Original Color
7B733E

Protanomaly
7D723E

Deuteranomaly
856F3F

Tritanomaly
7F6F61

Monochromacy



Original Color
7B733E

Achromatopsia
6F6F6F

Achromatomaly
73705D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B733E 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 #7B733E looks like.

```
.text, #text, p{  
    color:#7B733E  
}
```

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 #7B733E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B733E
}
```

Border

The CSS property to change the border of an element to Hex 7B733E 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
#7B733E }
```

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

```
.border{ border-color:#7B733E }
```

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

Here you see how a box with a 4 pixel #7B733E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B733E; -webkit-box-shadow:4px 4px  
4px 4px #7B733E; box-shadow:4px 4px 4px  
4px #7B733E }
```

Background

The CSS property to change the background color of an element to Hex 7B733E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B733E }
```

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

```
.background{ background-color:#7B733E }
```

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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