

Converting Colors

Hex(7B833A)

Have a look what the booklet for
Hex(7B833A) contains.

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Color

Hex(7B833A)

Conversions

Conversions Part 1

Format	Color
Hex	7B833A
RGB	123, 131, 58
RGB Percent	48%, 51%, 23%
CMY	0.5176, 0.4863, 0.7725
CMYK	0.06, 0.00, 0.56, 0.49
HSL	67°, 39%, 37%
HSV	67°, 56%, 51%
XYZ	17.0484, 20.7490, 7.1094
YIQ	120.2860, 18.6650, -24.3990

Conversions

Conversions Part 2

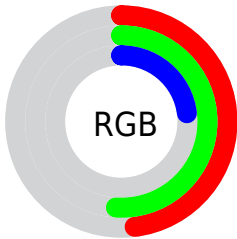
Format	Color
RYB	58, 131, 66
Decimal	8094522
CIELab	52.67, -14.03, 37.87
CIELCh	53, 40.382, 110.326
Yxy	20.7490, 0.3796, 0.4620
Android (android.graphics.Color)	4286284602 (0xFF7B833A)
YUV	120.2860, -30.7070, 2.3802
Hunter-Lab	45.5511, -12.9073, 22.6321

Details

The Hex color **7B833A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **423A83**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **B1B86C**, and **485207** is the 20% darker color. If you saturate the color by 10%, you get **7A832D**, and if you desaturate by 10%, it is **7C8347**.

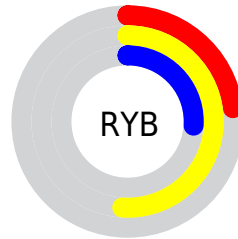
Distribution



Red (48%)

Green (51%)

Blue (23%)



Red (23%)

Yellow (51%)

Blue (26%)

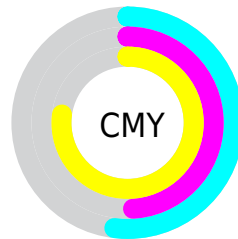


Cyan (6%)

Magenta (0%)

Yellow (56%)

Black (49%)



Cyan (52%)

Magenta (49%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B833A 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 7B833A by changing the saturation by 10% instead.



7B833A



7B833A

FFFFFF



616A22



B1B86C



485207



CDD486



313B00



EAF0A0



182500



FFFFBC



001100



FFFFD8



000000



FFFFF4



7B833A



7B833A



7A832D



7C8347

■ 788320

■ 7E8354

■ 778313

■ 7F8361

■ 758306

■ 81836E

■ 758300

■ 82837B

■ 848389

■ 858396

■ 8683A3

■ 8883B0

Harmonies

Analogous

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



9C7838



7B833A



528B50

Triad

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



7B833A



008CB2



B8628A

Complementary

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



7B833A



423A83

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.



9E6BAA



7B833A



1785C2

Square

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



7B833A



008F95



6E79BF



BF6267

Rectangle

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



7B833A



2D8E65



6E79BF



B26496

Sweetspot

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



7B833A



A8AB8E



83413A



555745



D6D6D6



575757

Same Dimension

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



7B833A



9EAB38



57833A



42423C



748200



020300

Inverse Universe

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



423A83



4538AB



663A83



3C3C42



0E0082



000003

Previews

White Background



This preview shows how the Hex color 7B833A looks on a white background.

Color Contrast Check

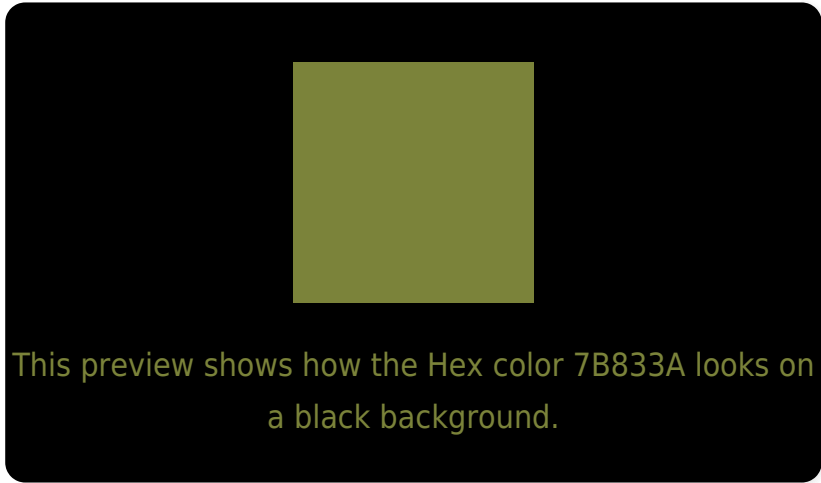
Large Text (above 18pt) WCAG AA ✓ Pass

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

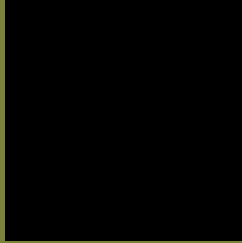
Any Text WCAG AA ✓ Pass

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 7B833A Background



This preview shows how black text looks on a background with the Hex color 7B833A.



This preview shows how white text looks on a background with the Hex color 7B833A.

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
7B833A

Protanopia
8B7E38

Deuteranopia
9B783D



Tritanopia
837B85

Trichromacy



Original Color
7B833A

Protanomaly
858039

Deuteranomaly
8F7C3C

Tritanomaly
807E6A

Monochromacy



Original Color
7B833A

Achromatopsia
787878

Achromatomaly
797C61

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B833A 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 #7B833A looks like.

```
.text, #text, p{  
    color:#7B833A  
}
```

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 #7B833A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B833A
}
```

Border

The CSS property to change the border of an element to Hex 7B833A 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
#7B833A }
```

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

```
.border{ border-color:#7B833A }
```

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

Here you see how a box with a 4 pixel #7B833A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B833A; -webkit-box-shadow:4px 4px  
4px 4px #7B833A; box-shadow:4px 4px 4px  
4px #7B833A }
```

Background

The CSS property to change the background color of an element to Hex 7B833A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B833A }
```

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

```
.background{ background-color:#7B833A }
```

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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