

Converting Colors

Hex(7B4633)

Have a look what the booklet for
Hex(7B4633) contains.

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Color

Hex(7B4633)

Conversions

Conversions Part 1

Format	Color
Hex	7B4633
RGB	123, 70, 51
RGB Percent	48%, 27%, 20%
CMY	0.5176, 0.7255, 0.8000
CMYK	0.00, 0.43, 0.59, 0.52
HSL	16°, 41%, 34%
HSV	16°, 59%, 48%
XYZ	10.9561, 8.8303, 4.2589
YIQ	83.6810, 37.6870, 5.3270

Conversions

Conversions Part 2

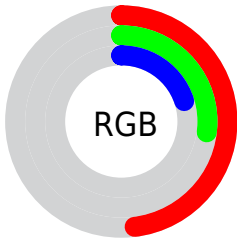
Format	Color
R_{YB}	123, 77, 51
Decimal	8078899
CIE _{Lab}	35.66, 20.68, 21.17
CIE _{LCh}	36, 29.598, 45.665
Yxy	8.8303, 0.4556, 0.3672
Android (android.graphics.Color)	4286268979 (0xFF7B4633)
YUV	83.6810, -16.1117, 34.4828
Hunter-Lab	29.7158, 13.8095, 12.3035

Details

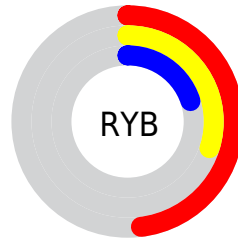
The Hex color **7B4633** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **33687B**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **B27762**, and **471906** is the 20% darker color. If you saturate the color by 10%, you get **7B3D27**, and if you desaturate by 10%, it is **7B4F3F**.

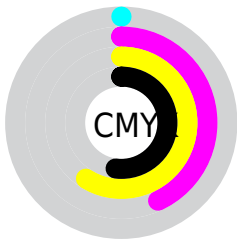
Distribution



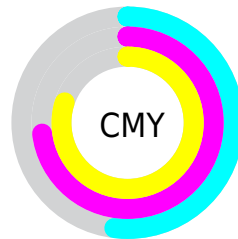
- Red (48%)
- Green (27%)
- Blue (20%)



- Red (48%)
- Yellow (30%)
- Blue (20%)



- Cyan (0%)
- Magenta (43%)
- Yellow (59%)
- Black (52%)



- Cyan (52%)
- Magenta (73%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B4633 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 7B4633 by changing the saturation by 10% instead.

 7B4633

 7B4633

FFFFFF

 602F1E

 B27762

 471906

 CF917B

 2E0300

 ECAC95

 050000

 FFC7AF

 000000

 FFE3CB

 FFFFE7

 7B4633

 7B4633

 7B3D27

 7B4F3F

■ 7B341A

■ 7B584C

■ 7B2B0E

■ 7B6158

■ 7B2202

■ 7B6A64

■ 7B2000

■ 7B7371

■ 7B7C7D

■ 7B8589

■ 7B8E95

■ 7B97A2

Harmonies

Analogous

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



814048



7B4633



6C4F25

Triad

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



7B4633



145F47



435281

Complementary

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



7B4633



33687B

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.



005A81



7B4633



006060

Square

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



7B4633



3B5C32



005E75



664975

Rectangle

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



7B4633



5E5423



005E75



345583

Sweetspot

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



7B4633



A18B84



7B3369



524440



D1D1D1



525252

Same Dimension

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



7B4633



A14E30



7B6933



3D3937



7D2100



FC4300

Inverse Universe

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



33687B



3083A1



33457B



373C3D



005C7D



00BAFC

Previews

White Background



This preview shows how the Hex color 7B4633 looks on a white background.

Color Contrast Check

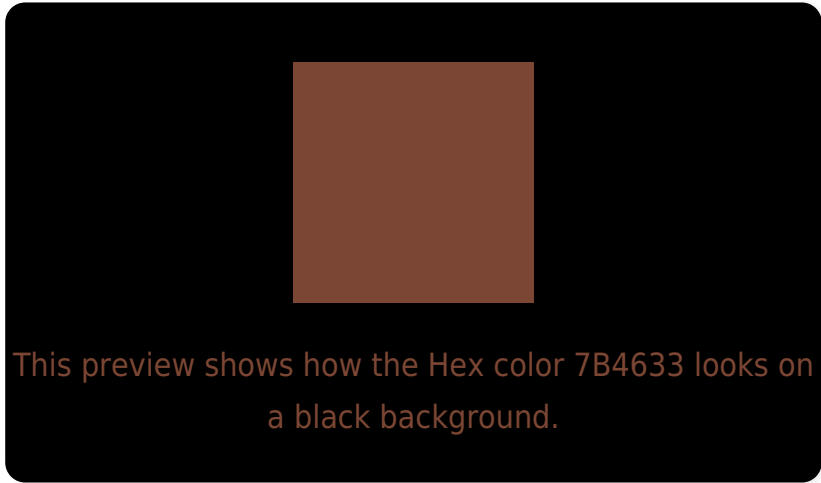
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

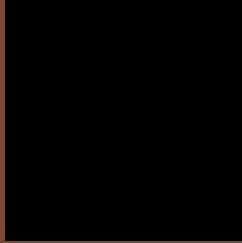
Any Text WCAG AA × Fail

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 7B4633 Background



This preview shows how black text looks on a background with the Hex color 7B4633.

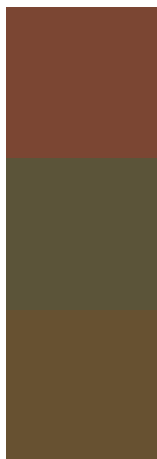


This preview shows how white text looks on a background with the Hex color 7B4633.

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
7B4633

Protanopia
5B5439

Deuteranopia
675131



Tritanopia
7C4348

Trichromacy



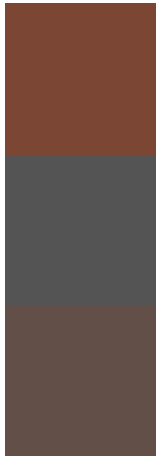
Original Color
7B4633

Protanomaly
674F37

Deuteranomaly
6E4D32

Tritanomaly
7C4440

Monochromacy



Original Color
7B4633

Achromatopsia
545454

Achromatomaly
624F48

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B4633 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 #7B4633 looks like.

```
.text, #text, p{  
  color:#7B4633  
}
```

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 #7B4633 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B4633
}
```

Border

The CSS property to change the border of an element to Hex 7B4633 is called "border". The border property can be set on classes, ids or directly on the HTML element.

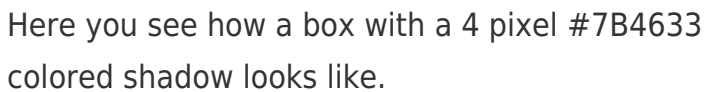
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B4633 }
```

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

```
.border{ border-color:#7B4633 }
```

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



Here you see how a box with a 4 pixel #7B4633 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B4633; -webkit-box-shadow:4px 4px  
4px 4px #7B4633; box-shadow:4px 4px 4px  
4px #7B4633 }
```

Background

The CSS property to change the background color of an element to Hex 7B4633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B4633 }
```

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

```
.background{ background-color:#7B4633 }
```

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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