

Converting Colors

Hex(7B5742)

Have a look what the booklet for
Hex(7B5742) contains.

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Color

Hex(7B5742)

Conversions

Conversions Part 1

Format	Color
Hex	7B5742
RGB	123, 87, 66
RGB Percent	48%, 34%, 26%
CMY	0.5176, 0.6588, 0.7412
CMYK	0.00, 0.29, 0.46, 0.52
HSL	22°, 30%, 37%
HSV	22°, 46%, 48%
XYZ	12.5599, 11.4207, 6.6967
YIQ	95.3700, 28.1970, 1.1010

Conversions

Conversions Part 2

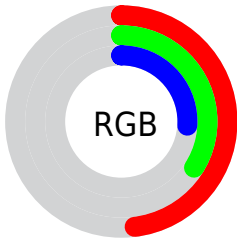
Format	Color
R_{YB}	123, 99, 66
Decimal	8083266
CIE _{Lab}	40.28, 12.09, 18.09
CIE _{LCh}	40, 21.756, 56.247
Yxy	11.4207, 0.4094, 0.3723
Android (android.graphics.Color)	4286273346 (0xFF7B5742)
YUV	95.3700, -14.4794, 24.2315
Hunter-Lab	33.7945, 7.2002, 11.9073

Details

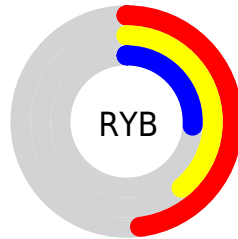
The Hex color **7B5742** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **42667B**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **B18972**, and **482917** is the 20% darker color. If you saturate the color by 10%, you get **7B4F36**, and if you desaturate by 10%, it is **7B5F4E**.

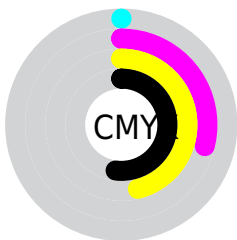
Distribution



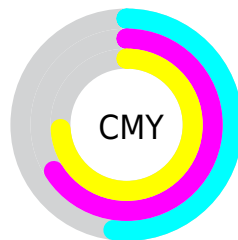
- Red (48%)
- Green (34%)
- Blue (26%)



- Red (48%)
- Yellow (39%)
- Blue (26%)



- Cyan (0%)
- Magenta (29%)
- Yellow (46%)
- Black (52%)



- Cyan (52%)
- Magenta (66%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B5742 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 7B5742 by changing the saturation by 10% instead.



7B5742



7B5742

FFFFFF



61402C



B18972



482917



CDA38C



311500



EABEA6



1A0000



FFDAC1



000000



FFF7DD



FFFFFFA



7B5742



7B5742



7B4F36



7B5F4E

 7B4729

 7B675B

 7B401D

 7B6E67

 7B3811

 7B7673

 7B3005

 7B7E80

 7B2D00

 7B868C

 7B8D98

 7B95A4

 7B9DB1

Harmonies

Analogous

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



825250



7B5742



6D5D3B

Triad

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



7B5742



31685C



5E5B7F

Complementary

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



7B5742



42667B

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.



436182



7B5742



22686E

Square

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



7B5742



46674B



29667C



735573

Rectangle

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



7B5742



61613C



29667C



565D81

Sweetspot

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



7B5742



A1928A



7B4266



524944



D1D1D1



525252

Same Dimension

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



7B5742



A16847



7B7342



3D3937



7D2E00



FC5D00

Inverse Universe

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



42667B



4780A1



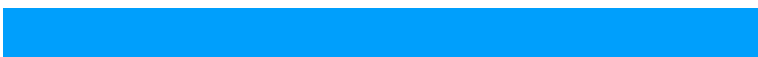
424A7B



373B3D



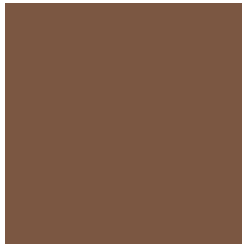
004F7D



009FFC

Previews

White Background



This preview shows how the Hex color 7B5742 looks on a white background.

Color Contrast Check

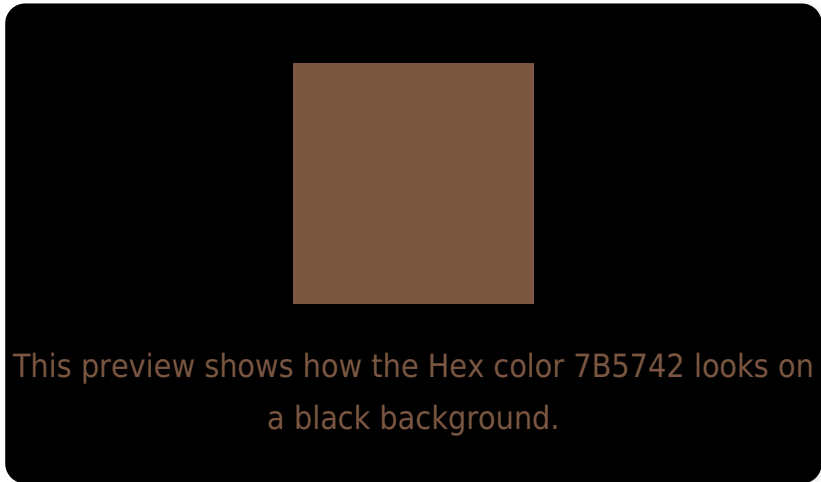
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B5742 Background



This preview shows how black text looks on a background with the Hex color 7B5742.



This preview shows how white text looks on a background with the Hex color 7B5742.

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
7B5742

Protanopia
665F45

Deuteranopia
725B41



Tritanopia
7D545A

Trichromacy



Original Color
7B5742

Protanomaly
6E5C44

Deuteranomaly
755A41

Tritanomaly
7C5551

Monochromacy



Original Color
7B5742

Achromatopsia
5F5F5F

Achromatomaly
695C54

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B5742 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 #7B5742 looks like.

```
.text, #text, p{  
    color:#7B5742  
}
```

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 #7B5742 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B5742
}
```

Border

The CSS property to change the border of an element to Hex 7B5742 is called "border". The border property can be set on classes, ids or directly on the HTML element.

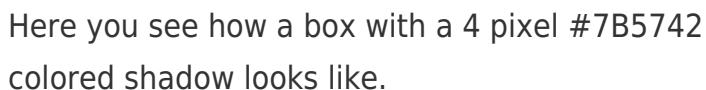
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B5742 }
```

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

```
.border{ border-color:#7B5742 }
```

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



Here you see how a box with a 4 pixel #7B5742 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B5742; -webkit-box-shadow:4px 4px  
4px 4px #7B5742; box-shadow:4px 4px 4px  
4px #7B5742 }
```

Background

The CSS property to change the background color of an element to Hex 7B5742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B5742 }
```

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

```
.background{ background-color:#7B5742 }
```

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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