

Converting Colors

Hex(7B4736)

Have a look what the booklet for
Hex(7B4736) contains.

| | |
|--|----|
| Hex(7B4736) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(7B4736)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 7B4736 |
| RGB | 123, 71, 54 |
| RGB Percent | 48%, 28%, 21% |
| CMY | 0.5176, 0.7216, 0.7882 |
| CMYK | 0.00, 0.42, 0.56, 0.52 |
| HSL | 15°, 39%, 35% |
| HSV | 15°, 56%, 48% |
| XYZ | 11.0875, 8.9838, 4.6397 |
| YIQ | 84.6100, 36.4490, 5.7370 |

Conversions

Conversions Part 2

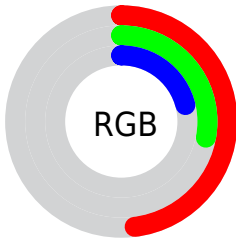
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 123, 77, 54 |
| Decimal | 8079158 |
| CIE Lab | 35.95, 20.37, 19.72 |
| CIE LCh | 36, 28.351, 44.067 |
| Yxy | 8.9838, 0.4487, 0.3636 |
| Android (android.graphics.Color) | 4286269238 (0xFF7B4736) |
| YUV | 84.6100, -15.0907, 33.6680 |
| Hunter-Lab | 29.9729, 13.5774, 11.8032 |

Details

The Hex color **7B4736** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **366A7B**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **B27865**, and **471A0A** is the 20% darker color. If you saturate the color by 10%, you get **7B3E2A**, and if you desaturate by 10%, it is **7B5042**.

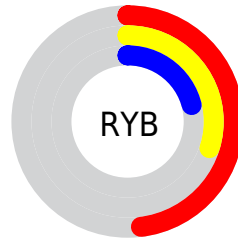
Distribution



Red (48%)

Green (28%)

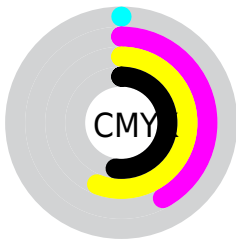
Blue (21%)



Red (48%)

Yellow (30%)

Blue (21%)

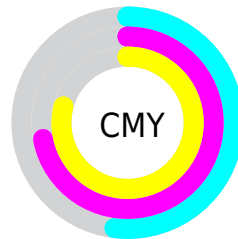


Cyan (0%)

Magenta (42%)

Yellow (56%)

Black (52%)



Cyan (52%)

Magenta (72%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B4736 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 7B4736 by changing the saturation by 10% instead.

 7B4736

 7B4736

FFFFFF

 603020

 B27865

 471A0A

 CF927E

 2E0400

 ECAD98

 080000

 FFC8B3

 000000

 FFE4CE

 FFFFEB

 7B4736

 7B4736

 7B3E2A

 7B5042

■ 7B341D

■ 7B5A4F

■ 7B2B11

■ 7B635B

■ 7B2205

■ 7B6C67

■ 7B1E00

■ 7B7574

■ 7B7F80

■ 7B888C

■ 7B9198

■ 7B9AA5

Harmonies

Analogous

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



80424B



7B4736



6D4F29

Triad

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



7B4736



1D5F47



435381

Complementary

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



7B4736



366A7B

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.



085A80



7B4736



00605F

Square

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



7B4736



3F5C33



005F74



644B75

Rectangle

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



7B4736



5F5426



005F74



355682

Sweetspot

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



7B4736



A18C85



7B366B



524541



D1D1D1



525252

Same Dimension

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



7B4736



A15035



7B6936



3D3937



7D1F00



FC3E00

Inverse Universe

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



366A7B



3586A1



36487B



373C3D



005E7D



00BEFC

Previews

White Background



This preview shows how the Hex color 7B4736 looks on a white background.

Color Contrast Check

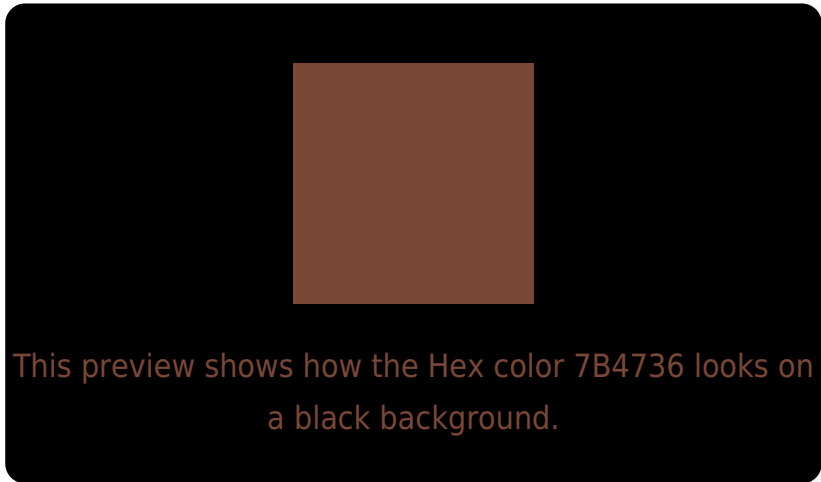
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B4736 Background



This preview shows how black text looks on a background with the Hex color 7B4736.



This preview shows how white text looks on a background with the Hex color 7B4736.

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
7B4736

Protanopia
5C553C

Deuteranopia
675134



Tritanopia
7C4449

Trichromacy



Original Color
7B4736

Protanomaly
67503A

Deuteranomaly
6E4D35

Tritanomaly
7C4542

Monochromacy



Original Color
7B4736

Achromatopsia
555555

Achromatomaly
63504A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B4736 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 #7B4736 looks like.

```
.text, #text, p{  
    color:#7B4736  
}
```

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 #7B4736 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B4736
}
```

Border

The CSS property to change the border of an element to Hex 7B4736 is called "border". The border property can be set on classes, ids or directly on the HTML element.

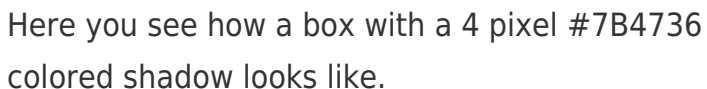
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B4736 }
```

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

```
.border{ border-color:#7B4736 }
```

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



Here you see how a box with a 4 pixel #7B4736 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B4736; -webkit-box-shadow:4px 4px  
4px 4px #7B4736; box-shadow:4px 4px 4px  
4px #7B4736 }
```

Background

The CSS property to change the background color of an element to Hex 7B4736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B4736 }
```

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

```
.background{ background-color:#7B4736 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor