

Converting Colors

Hex(7B5346)

Have a look what the booklet for
Hex(7B5346) contains.

Hex(7B5346)	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(7B5346)

Conversions

Conversions Part 1

Format	Color
Hex	7B5346
RGB	123, 83, 70
RGB Percent	48%, 33%, 27%
CMY	0.5176, 0.6745, 0.7255
CMYK	0.00, 0.33, 0.43, 0.52
HSL	15°, 27%, 38%
HSV	15°, 43%, 48%
XYZ	12.3671, 10.8397, 7.2348
YIQ	93.4780, 28.0130, 4.4370

Conversions

Conversions Part 2

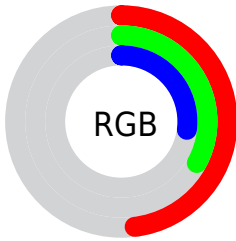
Format	Color
RYB	123, 87, 70
Decimal	8082246
CIELab	39.31, 14.96, 14.35
CIELCh	39, 20.735, 43.809
Yxy	10.8397, 0.4063, 0.3561
Android (android.graphics.Color)	4286272326 (0xFF7B5346)
YUV	93.4780, -11.5747, 25.8908
Hunter-Lab	32.9236, 9.4337, 10.0179

Details

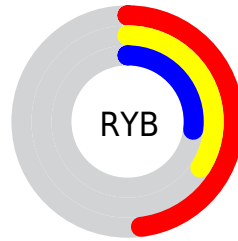
The Hex color **7B5346** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **466E7B**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **B18576**, and **48261B** is the 20% darker color. If you saturate the color by 10%, you get **7B4A3A**, and if you desaturate by 10%, it is **7B5C52**.

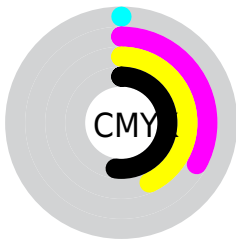
Distribution



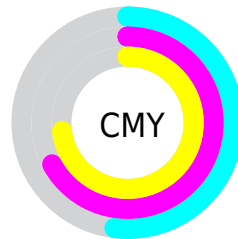
- Red (48%)
- Green (33%)
- Blue (27%)



- Red (48%)
- Yellow (34%)
- Blue (27%)



- Cyan (0%)
- Magenta (33%)
- Yellow (43%)
- Black (52%)



- Cyan (52%)
- Magenta (67%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B5346 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 7B5346 by changing the saturation by 10% instead.



7B5346



7B5346

FFFFFF



613C30



B18576



48261B



CD9F90



311100



EABAAB



190001



FFD6C6



000000



FFF2E2



7B5346



7B5346



7B4A3A



7B5C52



7B402D



7B665F

 7B3721

 7B6F6B

 7B2E15

 7B7877

 7B2508

 7B8184

 7B1E00

 7B8B90

 7B949C

 7B9DA8

 7BA7B5

Harmonies

Analogous

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



7E5055



7B5346



70583C

Triad

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



7B5346



396553



525C7D

Complementary

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



7B5346



466E7B

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.



38617D



7B5346



286664

Square

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



7B5346



4E6244



256473



695675

Rectangle

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



7B5346



665C3B



256473



495D7E

Sweetspot

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



7B5346



A1918C



7B466F



524845



D1D1D1



525252

Same Dimension

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



7B5346



A1624D



7B6D46



3D3937



7D1F00



FC3E00

Inverse Universe

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



466E7B



4D8CA1



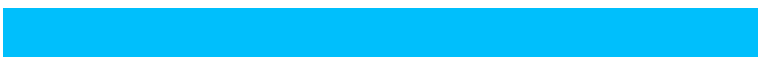
46547B



373C3D



005E7D



00BFFC

Previews

White Background



This preview shows how the Hex color 7B5346 looks on a white background.

Color Contrast Check

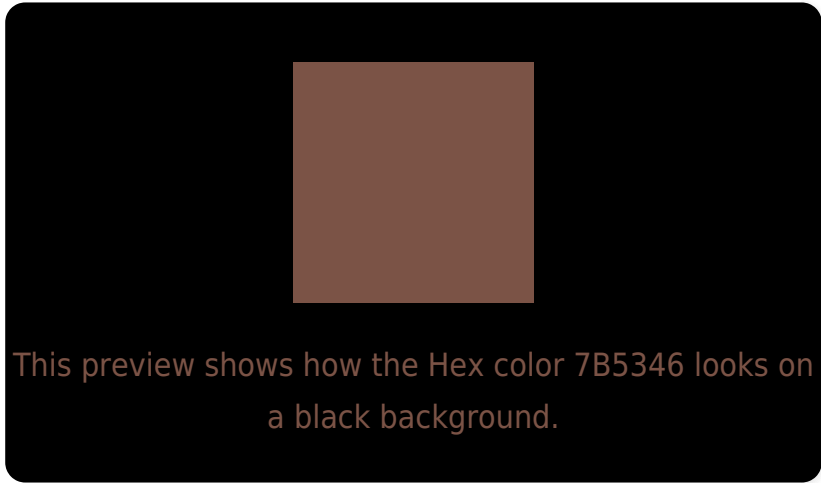
Large Text (above 18pt) WCAG AA ✓ Pass

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

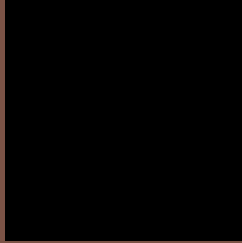
Any Text WCAG AA × Fail

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 7B5346 Background



This preview shows how black text looks on a background with the Hex color 7B5346.



This preview shows how white text looks on a background with the Hex color 7B5346.

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
7B5346

Protanopia
635D4A

Deuteranopia
6E5945



Tritanopia
7C5157

Trichromacy



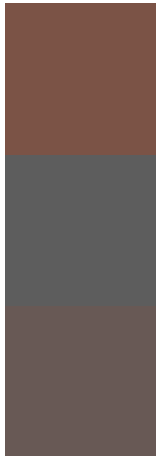
Original Color
7B5346

Protanomaly
6C5949

Deuteranomaly
735745

Tritanomaly
7C5251

Monochromacy



Original Color
7B5346

Achromatopsia
5D5D5D

Achromatomaly
685955

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B5346 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 #7B5346 looks like.

```
.text, #text, p{  
    color:#7B5346  
}
```

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 #7B5346 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B5346
}
```

Border

The CSS property to change the border of an element to Hex 7B5346 is called "border". The border property can be set on classes, ids or directly on the HTML element.

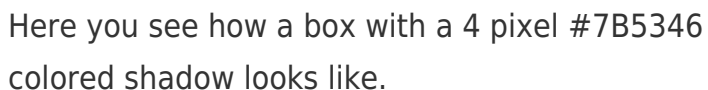
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B5346 }
```

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

```
.border{ border-color:#7B5346 }
```

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



Here you see how a box with a 4 pixel #7B5346 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B5346; -webkit-box-shadow:4px 4px  
4px 4px #7B5346; box-shadow:4px 4px 4px  
4px #7B5346 }
```

Background

The CSS property to change the background color of an element to Hex 7B5346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B5346 }
```

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

```
.background{ background-color:#7B5346 }
```

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