

Converting Colors

Hex(7B5731)

Have a look what the booklet for
Hex(7B5731) contains.

Hex(7B5731)	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(7B5731)

Conversions

Conversions Part 1

Format	Color
Hex	7B5731
RGB	123, 87, 49
RGB Percent	48%, 34%, 19%
CMY	0.5176, 0.6588, 0.8078
CMYK	0.00, 0.29, 0.60, 0.52
HSL	31°, 43%, 34%
HSV	31°, 60%, 48%
XYZ	12.1310, 11.2491, 4.4377
YIQ	93.4320, 33.6540, -4.1860

Conversions

Conversions Part 2

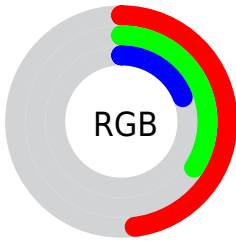
Format	Color
R_{YB}	119, 123, 49
Decimal	8083249
CIE _{Lab}	40.00, 10.38, 27.72
CIE _{LCh}	40, 29.597, 69.478
Yxy	11.2491, 0.4361, 0.4044
Android (android.graphics.Color)	4286273329 (0xFF7B5731)
YUV	93.4320, -21.9050, 25.9311
Hunter-Lab	33.5397, 5.8672, 15.6331

Details

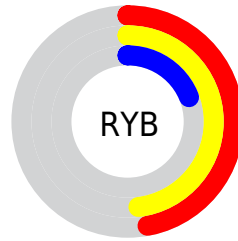
The Hex color **7B5731** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **31557B**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **B28960**, and **472A03** is the 20% darker color. If you saturate the color by 10%, you get **7B5125**, and if you desaturate by 10%, it is **7B5D3D**.

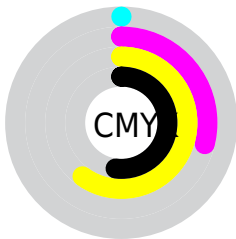
Distribution



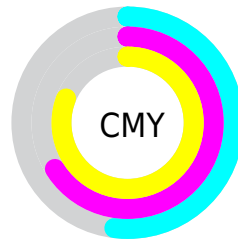
- Red (48%)
- Green (34%)
- Blue (19%)



- Red (47%)
- Yellow (48%)
- Blue (19%)



- Cyan (0%)
- Magenta (29%)
- Yellow (60%)
- Black (52%)



- Cyan (52%)
- Magenta (66%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B5731 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 7B5731 by changing the saturation by 10% instead.

 7B5731

 7B5731

FFFFFF

 61401B

 B28960

 472A03

 CEA379

 2F1500

 EBBE93

 160000

 FFDAAE

 000000

 FFF6CA

 FFFFE6

 7B5731

 7B5731

 7B5125

 7B5D3D

 7B4B18

 7B634A

 7B450C

 7B6956

 7B3F00

 7B6F62

 7B756F

 7B7B7B

 7B8187

 7B8793

 7B8DA0

Harmonies

Analogous

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



894F41



7B5731



665F2D

Triad

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



7B5731



006B65



6B5584

Complementary

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



7B5731



31557B

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.



455E8E



7B5731



006A7C

Square

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



7B5731



2B6A4C



02658B



824D70

Rectangle

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



7B5731



556433



02658B



605888

Sweetspot

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



7B5731



A19384



7B3156



524940



D1D1D1



525252

Same Dimension

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



7B5731



A1682D



7B7B31



3D3A37



7D4000



FC8200

Inverse Universe

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



31557B



2D65A1



31317B



373A3D



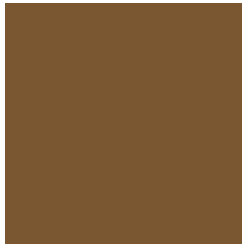
003D7D



007BFC

Previews

White Background



This preview shows how the Hex color 7B5731 looks on a white background.

Color Contrast Check

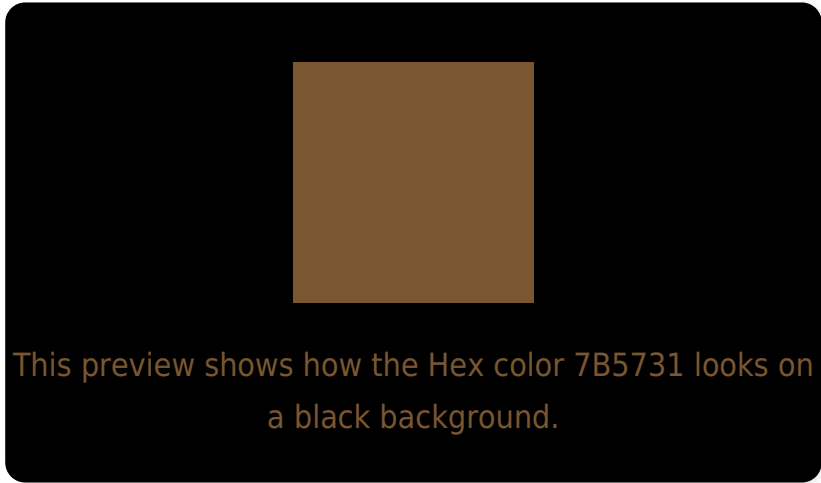
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B5731 Background



This preview shows how black text looks on a background with the Hex color 7B5731.



This preview shows how white text looks on a background with the Hex color 7B5731.

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
7B5731

Protanopia
685F34

Deuteranopia
745A30



Tritanopia
7E5259

Trichromacy



Original Color
7B5731

Protanomaly
6F5C33

Deuteranomaly
775930

Tritanomaly
7D544A

Monochromacy



Original Color
7B5731

Achromatopsia
5D5D5D

Achromatomaly
685B4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B5731 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 #7B5731 looks like.

```
.text, #text, p{  
    color:#7B5731  
}
```

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 #7B5731 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B5731
}
```

Border

The CSS property to change the border of an element to Hex 7B5731 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
#7B5731 }
```

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

```
.border{ border-color:#7B5731 }
```

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

Here you see how a box with a 4 pixel #7B5731 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B5731; -webkit-box-shadow:4px 4px  
4px 4px #7B5731; box-shadow:4px 4px 4px  
4px #7B5731 }
```

Background

The CSS property to change the background color of an element to Hex 7B5731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B5731 }
```

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

```
.background{ background-color:#7B5731 }
```

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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