

Converting Colors

Hex(7B6F31)

Have a look what the booklet for
Hex(7B6F31) contains.

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Color

Hex(7B6F31)

Conversions

Conversions Part 1

Format	Color
Hex	7B6F31
RGB	123, 111, 49
RGB Percent	48%, 44%, 19%
CMY	0.5176, 0.5647, 0.8078
CMYK	0.00, 0.10, 0.60, 0.52
HSL	50°, 43%, 34%
HSV	50°, 60%, 48%
XYZ	14.4072, 15.8016, 5.1964
YIQ	107.5200, 27.0540, -16.7380

Conversions

Conversions Part 2

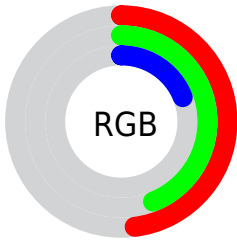
Format	Color
RYB	63, 123, 49
Decimal	8089393
CIELab	46.71, -3.72, 35.58
CIELCh	47, 35.775, 95.970
Yxy	15.8016, 0.4069, 0.4463
Android (android.graphics.Color)	4286279473 (0xFF7B6F31)
YUV	107.5200, -28.8504, 13.5760
Hunter-Lab	39.7512, -4.8701, 20.0753

Details

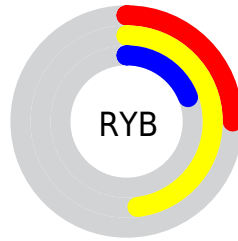
The Hex color **7B6F31** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **313D7B**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **B1A262**, and **484000** is the 20% darker color. If you saturate the color by 10%, you get **7B6D25**, and if you desaturate by 10%, it is **7B713D**.

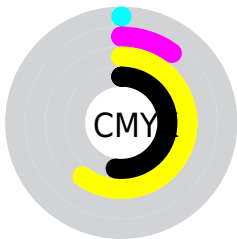
Distribution



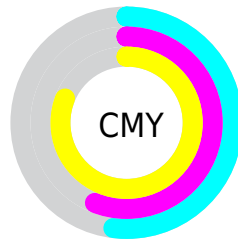
- Red (48%)
- Green (44%)
- Blue (19%)



- Red (25%)
- Yellow (48%)
- Blue (19%)



- Cyan (0%)
- Magenta (10%)
- Yellow (60%)
- Black (52%)



- Cyan (52%)
- Magenta (56%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B6F31 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 7B6F31 by changing the saturation by 10% instead.



7B6F31



7B6F31

FFFFFF



615719



B1A262



484000



CEBD7B



302A00



EAD995



171600



FFF6B0



000000



FFFCC



FFFEE8



7B6F31



7B6F31



7B6D25



7B713D

■ 7B6B18

■ 7B734A

■ 7B690C

■ 7B7556

■ 7B6700

■ 7B7762

■ 7B796F

■ 7B7B7B

■ 7B7D87

■ 7B7F93

■ 7B81A0

Harmonies

Analogous

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



946438



7B6F31



5B773C

Triad

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



7B6F31



007D91



995A88

Complementary

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



7B6F31



313D7B

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.



79659F



7B6F31



0078A5

Square

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



7B6F31



007E74



4770AA



A7566A

Rectangle

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



7B6F31



427B4C



4770AA



905D91

Sweetspot

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



7B6F31



A19C84



7B313D



524F40



D1D1D1



525252

Same Dimension

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



7B6F31



A18E2D



627B31



3D3C37



7D6900



FCD400

Inverse Universe

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



313D7B



2D40A1



4A317B



37383D



00147D



0029FC

Previews

White Background



This preview shows how the Hex color 7B6F31 looks on a white background.

Color Contrast Check

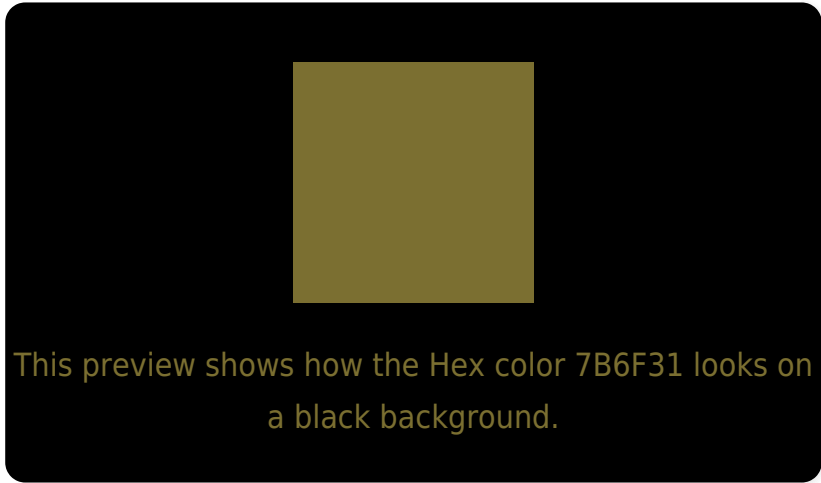
Large Text (above 18pt) WCAG AA ✓ Pass

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

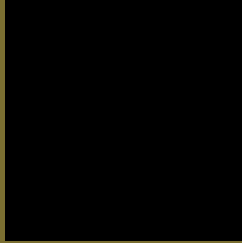
Any Text WCAG AA × Fail

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 7B6F31 Background



This preview shows how black text looks on a background with the Hex color 7B6F31.



This preview shows how white text looks on a background with the Hex color 7B6F31.

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
7B6F31

Protanopia
7B6F31

Deuteranopia
896933



Tritanopia
816870

Trichromacy



Original Color
7B6F31

Protanomaly
7B6F31

Deuteranomaly
846B32

Tritanomaly
7F6B59

Monochromacy



Original Color
7B6F31

Achromatopsia
6C6C6C

Achromatomaly
716D57

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B6F31 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 #7B6F31 looks like.

```
.text, #text, p{  
    color:#7B6F31  
}
```

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 #7B6F31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B6F31
}
```

Border

The CSS property to change the border of an element to Hex 7B6F31 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
#7B6F31 }
```

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

```
.border{ border-color:#7B6F31 }
```

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

Here you see how a box with a 4 pixel #7B6F31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B6F31; -webkit-box-shadow:4px 4px  
4px 4px #7B6F31; box-shadow:4px 4px 4px  
4px #7B6F31 }
```

Background

The CSS property to change the background color of an element to Hex 7B6F31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B6F31 }
```

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

```
.background{ background-color:#7B6F31 }
```

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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