

# Converting Colors

Hex(7B6D3F)

Have a look what the booklet for  
Hex(7B6D3F) contains.

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**Color**

**Hex(7B6D3F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B6D3F
RGB	123, 109, 63
RGB Percent	48%, 43%, 25%
CMY	0.5176, 0.5725, 0.7529
CMYK	0.00, 0.11, 0.49, 0.52
HSL	46°, 32%, 36%
HSV	46°, 49%, 48%
XYZ	14.5342, 15.5071, 6.9298
YIQ	107.9420, 23.1100, -11.3380

# Conversions

## Conversions Part 2

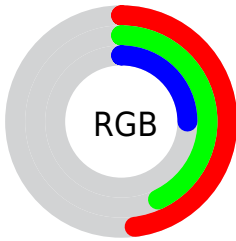
Format	Color
R <sub>Y</sub> B	81, 123, 63
Decimal	8088895
CIE Lab	46.32, -1.25, 27.60
CIE LCh	46, 27.627, 92.594
Yxy	15.5071, 0.3931, 0.4194
Android (android.graphics.Color)	4286278975 (0xFF7B6D3F)
YUV	107.9420, -22.1564, 13.2059
Hunter-Lab	39.3791, -3.0317, 17.1317

# Details

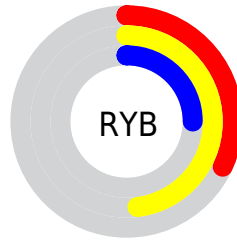
The Hex color **7B6D3F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3F4D7B**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **B1A070**, and **483E12** is the 20% darker color. If you saturate the color by 10%, you get **7B6A33**, and if you desaturate by 10%, it is **7B704B**.

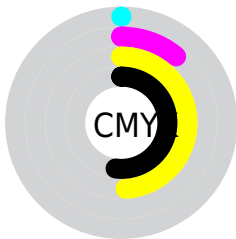
# Distribution



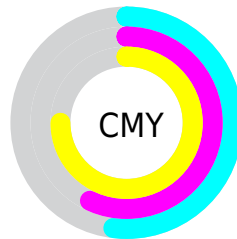
- Red (48%)
- Green (43%)
- Blue (25%)



- Red (32%)
- Yellow (48%)
- Blue (25%)



- Cyan (0%)
- Magenta (11%)
- Yellow (49%)
- Black (52%)



- Cyan (52%)
- Magenta (57%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B6D3F 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 7B6D3F by changing the saturation by 10% instead.



7B6D3F

7B6D3F

FFFFFF

615528

B1A070

483E12

CDBB89

322800

E9D7A4

191400

FFF3BF

000000

FFFFDB

FFFFF8

7B6D3F

7B6D3F

7B6A33

7B704B

 7B6726

 7B7358

 7B641A

 7B7664

 7B620E

 7B7870

 7B5F02

 7B7B7D

 7B5E00

 7B7E89

 7B8195

 7B84A1

 7B87AE

# Harmonies

## Analogous

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



8E6545



7B6D3F



637446

# Triad

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



7B6D3F



047986



8D5F83

# Complementary

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



7B6D3F



3F4D7B

# 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.



736795



7B6D3F



257696

# Square

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



7B6D3F



267A6F



4F6F9C



995C6D

# Rectangle

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



7B6D3F



507751



4F6F9C



85628A



# Sweetspot

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



7B6D3F



A19B89



7B3F4D



524E43



D1D1D1



525252



# Same Dimension

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



7B6D3F



A18B42



6B7B3F



3D3C37



7D6000



FCC200



# Inverse Universe

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



3F4D7B



4258A1



4F3F7B



37393D



001D7D



003BFC



# Previews

## White Background



This preview shows how the Hex color 7B6D3F 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

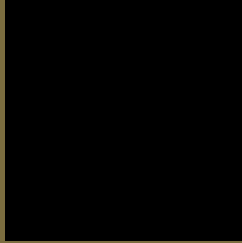
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7B6D3F Background



This preview shows how black text looks on a background with the Hex color 7B6D3F.



This preview shows how white text looks on a background with the Hex color 7B6D3F.

# 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**  
7B6D3F

**Protanopia**  
786E3F

**Deuteranopia**  
866940



**Tritanopia**  
80676F

# Trichromacy



**Original Color**  
7B6D3F

**Protanomaly**  
796E3F

**Deuteranomaly**  
826A40

**Tritanomaly**  
7E695E

# Monochromacy



**Original Color**  
7B6D3F

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
716C5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B6D3F 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 #7B6D3F looks like.

```
.text, #text, p{  
    color:#7B6D3F  
}
```

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 #7B6D3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B6D3F
}
```

## Border

The CSS property to change the border of an element to Hex 7B6D3F 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
#7B6D3F }
```

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

```
.border{ border-color:#7B6D3F }
```

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

Here you see how a box with a 4 pixel #7B6D3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B6D3F; -webkit-box-shadow:4px 4px  
4px 4px #7B6D3F; box-shadow:4px 4px 4px  
4px #7B6D3F }
```

# Background

The CSS property to change the background color of an element to Hex 7B6D3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B6D3F }
```

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

```
.background{ background-color:#7B6D3F }
```

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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