

# Converting Colors

Hex(7B6B4F)

Have a look what the booklet for  
Hex(7B6B4F) contains.

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# Color

**Hex(7B6B4F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B6B4F
RGB	123, 107, 79
RGB Percent	48%, 42%, 31%
CMY	0.5176, 0.5804, 0.6902
CMYK	0.00, 0.13, 0.36, 0.52
HSL	38°, 22%, 40%
HSV	38°, 36%, 48%
XYZ	14.8374, 15.2909, 9.5666
YIQ	108.5920, 18.5240, -5.3160

# Conversions

## Conversions Part 2

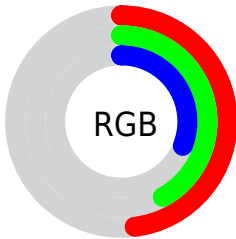
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 123, 79
Decimal	8088399
CIELab	46.03, 1.85, 18.04
CIELCh	46, 18.131, 84.142
Yxy	15.2909, 0.3738, 0.3852
Android (android.graphics.Color)	4286278479 (0xFF7B6B4F)
YUV	108.5920, -14.5889, 12.6358
Hunter-Lab	39.1035, -0.7015, 12.8674

# Details

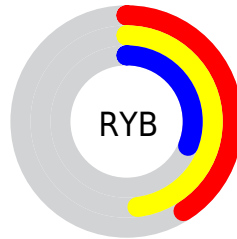
The Hex color **7B6B4F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4F5F7B**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **B09E80**, and **493C22** is the 20% darker color. If you saturate the color by 10%, you get **7B6743**, and if you desaturate by 10%, it is **7B6F5B**.

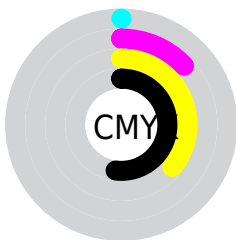
# Distribution



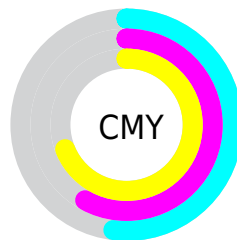
- Red (48%)
- Green (42%)
- Blue (31%)



- Red (41%)
- Yellow (48%)
- Blue (31%)



- Cyan (0%)
- Magenta (13%)
- Yellow (36%)
- Black (52%)



- Cyan (52%)
- Magenta (58%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B6B4F 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 7B6B4F by changing the saturation by 10% instead.





7B6B4F



7B6B4F

FFFFFF



625338



B09E80



493C22



CCB99A



32260D



E8D5B5



1C1200



FFF1D1



000000



FFFFED



7B6B4F



7B6B4F



7B6743



7B6F5B



7B6236



7B7468

 7B5E2A

 7B7874

 7B591E

 7B7D80

 7B5511

 7B818D

 7B5005

 7B8699

 7B4E00

 7B8AA5

 7B8FB1

 7B93BE

# Harmonies

## Analogous

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



876655



7B6B4F



6B7051

# Triad

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



7B6B4F



417579



7E657F

# Complementary

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



7B6B4F



4F5F7B

# 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.



6B6A89



7B6B4F



457385

# Square

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



7B6B4F



4A7569



566F8B



896271

# Rectangle

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



7B6B4F



607257



566F8B



786783



# Sweetspot

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



7B6B4F



A19A8F



7B4F5F



524E47



D1D1D1



525252



# Same Dimension

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



7B6B4F



A1885C



757B4F



3D3B37



7D5000



FCA100



# Inverse Universe

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



4F5F7B



5C75A1



554F7B



37393D



002D7D



005CFC



# Previews

## White Background



This preview shows how the Hex color 7B6B4F looks on a white background.

## Color Contrast Check

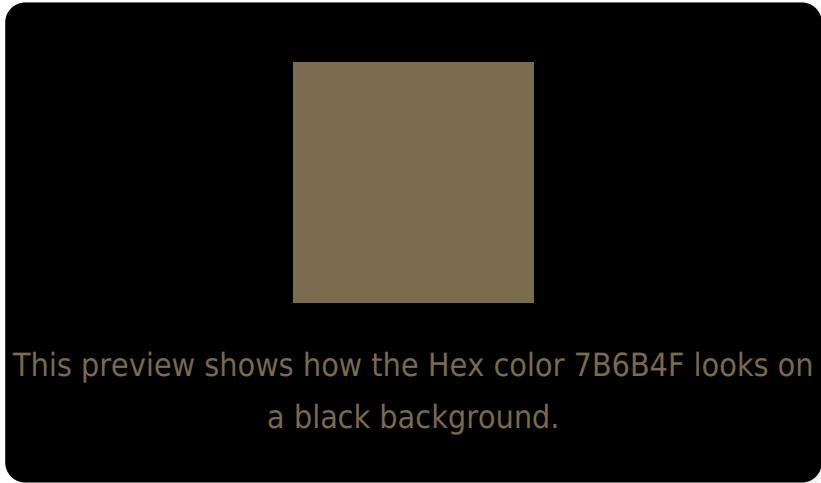
Large Text (above 18pt) WCAG AA ✓ Pass

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

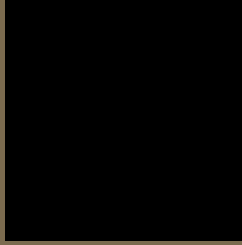
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B6B4F Background



This preview shows how black text looks on a background with the Hex color 7B6B4F.



This preview shows how white text looks on a background with the Hex color 7B6B4F.

# 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](#).

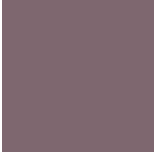
## Dichromacy



**Original Color**  
7B6B4F

**Protanopia**  
756D50

**Deuteranopia**  
816950



**Tritanopia**  
7E676F

# Trichromacy



**Original Color**  
7B6B4F

**Protanomaly**  
776C50

**Deuteranomaly**  
7F6A50

**Tritanomaly**  
7D6863

# Monochromacy



**Original Color**  
7B6B4F

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
726C62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B6B4F 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 #7B6B4F looks like.

```
.text, #text, p{  
    color:#7B6B4F  
}
```

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 #7B6B4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B6B4F
}
```

## Border

The CSS property to change the border of an element to Hex 7B6B4F 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
#7B6B4F }
```

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

```
.border{ border-color:#7B6B4F }
```

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

Here you see how a box with a 4 pixel #7B6B4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B6B4F; -webkit-box-shadow:4px 4px  
4px 4px #7B6B4F; box-shadow:4px 4px 4px  
4px #7B6B4F }
```

# Background

The CSS property to change the background color of an element to Hex 7B6B4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B6B4F }
```

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

```
.background{ background-color:#7B6B4F }
```

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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