

# Converting Colors

Hex(7B6644)

Have a look what the booklet for  
Hex(7B6644) contains.

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**Color**

**Hex(7B6644)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B6644
RGB	123, 102, 68
RGB Percent	48%, 40%, 27%
CMY	0.5176, 0.6000, 0.7333
CMYK	0.00, 0.17, 0.45, 0.52
HSL	37°, 29%, 37%
HSV	37°, 45%, 48%
XYZ	13.9631, 14.1311, 7.4605
YIQ	104.4030, 23.4300, -6.1220

# Conversions

## Conversions Part 2

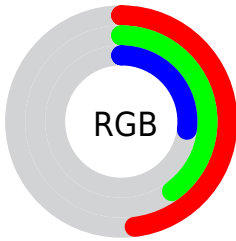
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 123, 68
Decimal	8087108
CIELab	44.42, 3.39, 22.33
CIElCh	44, 22.589, 81.359
Yxy	14.1311, 0.3927, 0.3974
Android (android.graphics.Color)	4286277188 (0xFF7B6644)
YUV	104.4030, -17.9467, 16.3096
Hunter-Lab	37.5913, 0.5184, 14.5470

# Details

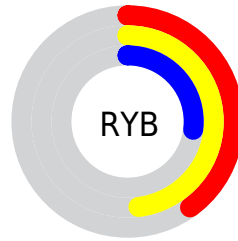
The Hex color **7B6644** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **44597B**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **B19975**, and **493718** is the 20% darker color. If you saturate the color by 10%, you get **7B6138**, and if you desaturate by 10%, it is **7B6B50**.

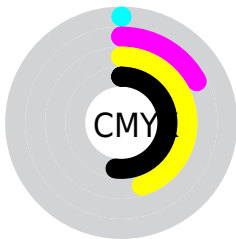
# Distribution



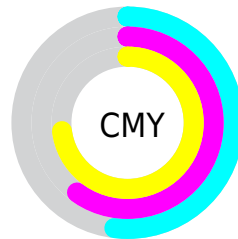
- Red (48%)
- Green (40%)
- Blue (27%)



- Red (40%)
- Yellow (48%)
- Blue (27%)



- Cyan (0%)
- Magenta (17%)
- Yellow (45%)
- Black (52%)



- Cyan (52%)
- Magenta (60%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B6644 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 7B6644 by changing the saturation by 10% instead.





7B6644



7B6644

FFFFFF



614E2D



B19975



493718



CDB48E



322200



E9CFA9



1A0D00



FFEBC4



000000



FFFFE0

FFFFFD



7B6644



7B6644



7B6138



7B6B50

■ 7B5D2B

■ 7B6F5D

■ 7B581F

■ 7B7469

■ 7B5313

■ 7B7975

■ 7B4F07

■ 7B7D82

■ 7B4C00

■ 7B828E

■ 7B879A

■ 7B8CA6

■ 7B90B3

# Harmonies

## Analogous

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



89604C



7B6644



686C46

# Triad

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



7B6644



2B7376



7C6081

# Complementary

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



7B6644



44597B

# 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.



64668C



7B6644



2F7186

# Square

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



7B6644



3D7363



476C8E



8A5B6F

# Rectangle

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



7B6644



5A6F4C



476C8E



756285



# Sweetspot

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



7B6644



A1998C



7B4459



524D45



D1D1D1



525252



# Same Dimension

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



7B6644



A1804A



757B44



3D3B37



7D4D00



FC9C00



# Inverse Universe

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



44597B



4A6BA1



4A447B



37393D



00307D



0060FC



# Previews

## White Background



This preview shows how the Hex color 7B6644 looks on a white background.

## Color Contrast Check

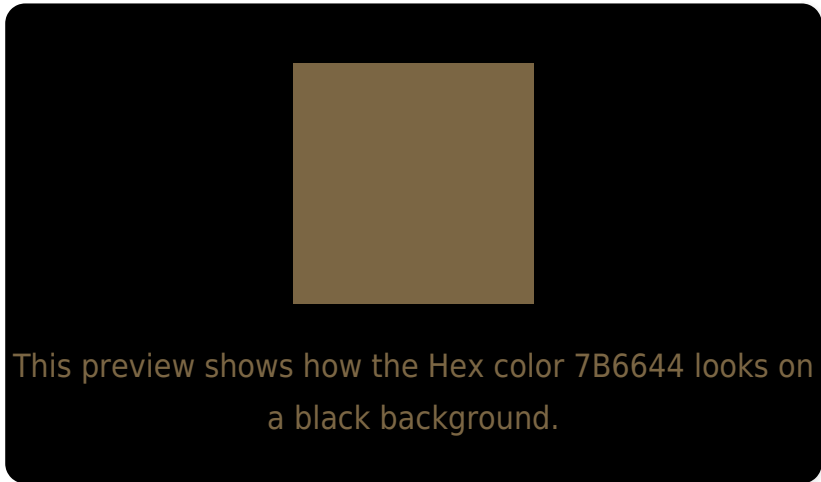
Large Text (above 18pt) WCAG AA ✓ Pass

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

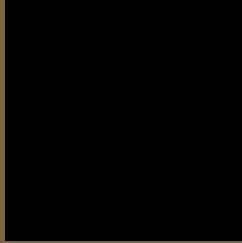
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B6644 Background



This preview shows how black text looks on a background with the Hex color 7B6644.



This preview shows how white text looks on a background with the Hex color 7B6644.

# 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**  
7B6644

**Protanopia**  
726945

**Deuteranopia**  
7F6544



**Tritanopia**  
7F6169

# Trichromacy



**Original Color**  
7B6644

**Protanomaly**  
756845

**Deuteranomaly**  
7E6544

**Tritanomaly**  
7E635C

# Monochromacy



**Original Color**  
7B6644

**Achromatopsia**  
686868

**Achromatomaly**  
6F675B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B6644 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 #7B6644 looks like.

```
.text, #text, p{  
    color:#7B6644  
}
```

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 #7B6644 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B6644
}
```

## Border

The CSS property to change the border of an element to Hex 7B6644 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
#7B6644 }
```

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

```
.border{ border-color:#7B6644 }
```

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

Here you see how a box with a 4 pixel #7B6644 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B6644; -webkit-box-shadow:4px 4px  
4px 4px #7B6644; box-shadow:4px 4px 4px  
4px #7B6644 }
```

# Background

The CSS property to change the background color of an element to Hex 7B6644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B6644 }
```

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

```
.background{ background-color:#7B6644 }
```

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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