

# Converting Colors

Hex(7B6844)

Have a look what the booklet for  
Hex(7B6844) contains.

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**Color**

**Hex(7B6844)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B6844
RGB	123, 104, 68
RGB Percent	48%, 41%, 27%
CMY	0.5176, 0.5922, 0.7333
CMYK	0.00, 0.15, 0.45, 0.52
HSL	39°, 29%, 37%
HSV	39°, 45%, 48%
XYZ	14.1621, 14.5289, 7.5268
YIQ	105.5770, 22.8800, -7.1680

# Conversions

## Conversions Part 2

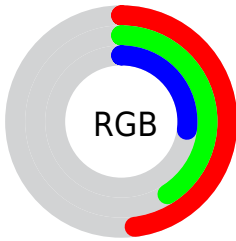
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 123, 68
Decimal	8087620
CIE Lab	44.98, 2.22, 23.06
CIE LCh	45, 23.166, 84.502
Yxy	14.5289, 0.3910, 0.4012
Android (android.graphics.Color)	4286277700 (0xFF7B6844)
YUV	105.5770, -18.5255, 15.2800
Hunter-Lab	38.1168, -0.3839, 14.9740

# Details

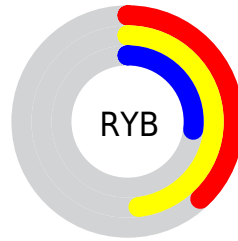
The Hex color **7B6844** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **44577B**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **B19B75**, and **493918** is the 20% darker color. If you saturate the color by 10%, you get **7B6438**, and if you desaturate by 10%, it is **7B6C50**.

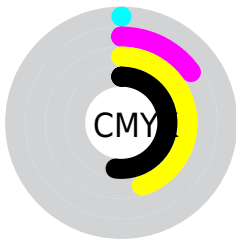
# Distribution



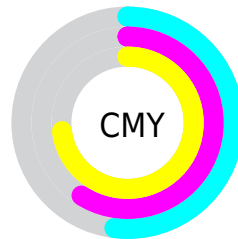
- Red (48%)
- Green (41%)
- Blue (27%)



- Red (38%)
- Yellow (48%)
- Blue (27%)



- Cyan (0%)
- Magenta (15%)
- Yellow (45%)
- Black (52%)



- Cyan (52%)
- Magenta (59%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B6844 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 7B6844 by changing the saturation by 10% instead.





7B6844



7B6844

FFFFFF



61502D



B19B75



493918



CDB68E



322400



E9D1A9



1A0F00



FFEEC4



000000



FFFFE0

FFFFFD



7B6844



7B6844



7B6438



7B6C50

 7B602B

 7B705D

 7B5B1F

 7B7569

 7B5713

 7B7975

 7B5307

 7B7D82

 7B5100

 7B818E

 7B869A

 7B8AA6

 7B8EB3

# Harmonies

## Analogous

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



8A614C



7B6844



676E47

# Triad

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



7B6844



29757A



806081

# Complementary

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



7B6844



44577B

# 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.



68678D



7B6844



307289

# Square

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



7B6844



3A7566



4B6D90



8E5C6F

# Rectangle

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



7B6844



59714E



4B6D90



796286



# Sweetspot

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



7B6844



A1998C



7B4457



524D45



D1D1D1



525252



# Same Dimension

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



7B6844



A1834A



737B44



3D3B37



7D5200



FCA500



# Inverse Universe

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



44577B



4A68A1



4C447B



37393D



002B7D



0057FC



# Previews

## White Background



This preview shows how the Hex color 7B6844 looks on a white background.

## Color Contrast Check

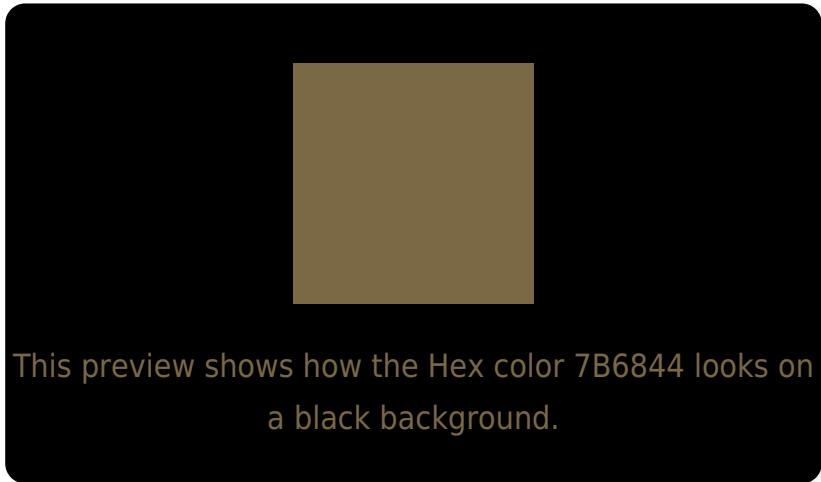
Large Text (above 18pt) WCAG AA ✓ Pass

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

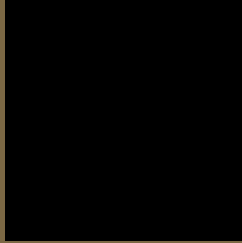
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B6844 Background



This preview shows how black text looks on a background with the Hex color 7B6844.



This preview shows how white text looks on a background with the Hex color 7B6844.

# 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**  
7B6844

**Protanopia**  
746B45

**Deuteranopia**  
806644



**Tritanopia**  
7F636B

# Trichromacy



**Original Color**  
7B6844

**Protanomaly**  
776A45

**Deuteranomaly**  
7E6744

**Tritanomaly**  
7E655D

# Monochromacy



**Original Color**  
7B6844

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
70695C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B6844 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 #7B6844 looks like.

```
.text, #text, p{  
    color:#7B6844  
}
```

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 #7B6844 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B6844  
}
```

## Border

The CSS property to change the border of an element to Hex 7B6844 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  
#7B6844 }
```

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

```
.border{ border-color:#7B6844 }
```

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

Here you see how a box with a 4 pixel #7B6844 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B6844; -webkit-box-shadow:4px 4px  
4px 4px #7B6844; box-shadow:4px 4px 4px  
4px #7B6844 }
```

# Background

The CSS property to change the background color of an element to Hex 7B6844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B6844 }
```

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

```
.background{ background-color:#7B6844 }
```

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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