

Converting Colors

Hex(7B6848)

Have a look what the booklet for
Hex(7B6848) contains.

Hex(7B6848)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7B6848)

Conversions

Conversions Part 1

Format	Color
Hex	7B6848
RGB	123, 104, 72
RGB Percent	48%, 41%, 28%
CMY	0.5176, 0.5922, 0.7176
CMYK	0.00, 0.15, 0.41, 0.52
HSL	38°, 26%, 38%
HSV	38°, 41%, 48%
XYZ	14.2884, 14.5795, 8.1919
YIQ	106.0330, 21.5960, -5.9240

Conversions

Conversions Part 2

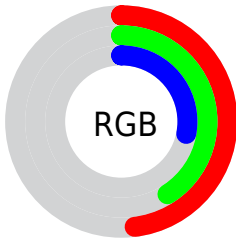
Format	Color
RYB	102, 123, 72
Decimal	8087624
CIELab	45.05, 2.70, 20.83
CIELCh	45, 21.006, 82.613
Yxy	14.5795, 0.3855, 0.3934
Android (android.graphics.Color)	4286277704 (0xFF7B6848)
YUV	106.0330, -16.7783, 14.8801
Hunter-Lab	38.1831, -0.0243, 14.0079

Details

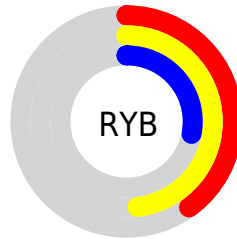
The Hex color **7B6848** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **485B7B**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **B09B79**, and **49391C** is the 20% darker color. If you saturate the color by 10%, you get **7B633C**, and if you desaturate by 10%, it is **7B6D54**.

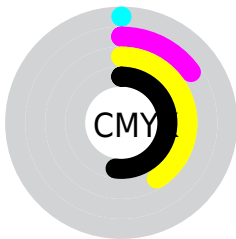
Distribution



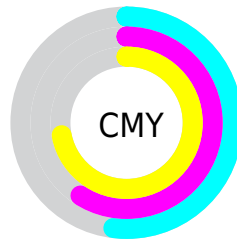
- Red (48%)
- Green (41%)
- Blue (28%)



- Red (40%)
- Yellow (48%)
- Blue (28%)



- Cyan (0%)
- Magenta (15%)
- Yellow (41%)
- Black (52%)



- Cyan (52%)
- Magenta (59%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B6848 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 7B6848 by changing the saturation by 10% instead.



7B6848



7B6848

FFFFFF



615031



B09B79



49391C



CCB693



322403



E9D1AD



1B0F00



FFEEC9



000000



FFFFE5



7B6848



7B6848



7B633C



7B6D54



7B5F2F



7B7161

 7B5A23

 7B766D

 7B5617

 7B7A79

 7B510A

 7B7F85

 7B4D00

 7B8392

 7B889E

 7B8DAA

 7B91B7

Harmonies

Analogous

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



88624F



7B6848



696E4A

Triad

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



7B6848



347477



7D6280

Complementary

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



7B6848



485B7B

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.



67688B



7B6848



387286

Square

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



7B6848



417465



4E6E8D



8A5E70

Rectangle

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



7B6848



5C7150



4E6E8D



766484

Sweetspot

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



7B6848



A1998D



7B485C



524D46



D1D1D1



525252

Same Dimension

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



7B6848



A18350



757B48



3D3B37



7D4E00



FC9E00

Inverse Universe

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



485B7B



506EA1



4E487B



37393D



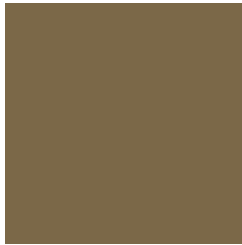
002F7D



005EFC

Previews

White Background



This preview shows how the Hex color 7B6848 looks on a white background.

Color Contrast Check

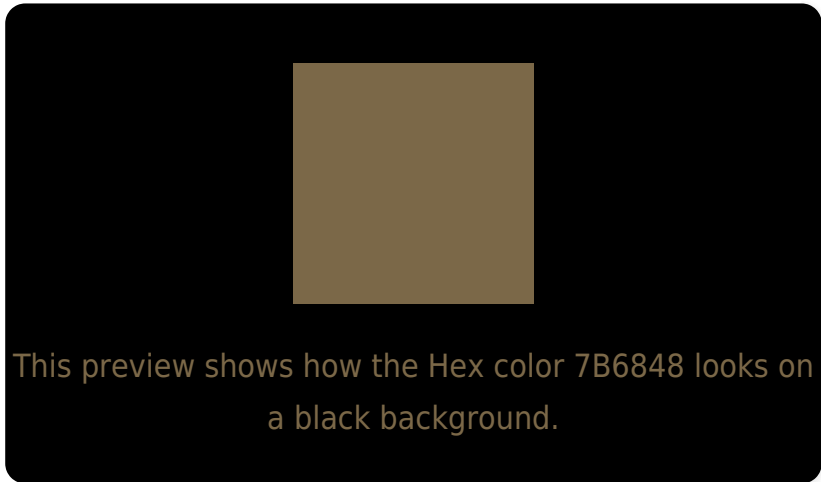
Large Text (above 18pt) WCAG AA ✓ Pass

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

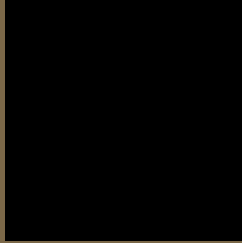
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

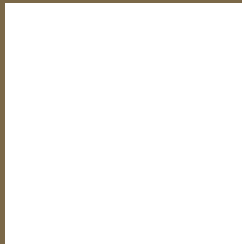
Any Text WCAG AAA × Fail

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

Hex 7B6848 Background



This preview shows how black text looks on a background with the Hex color 7B6848.



This preview shows how white text looks on a background with the Hex color 7B6848.

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

7B6848

Protanopia

736B49

Deuteranopia

806648



Tritanopia
7F646B

Trichromacy



Original Color
7B6848

Protanomaly
766A49

Deuteranomaly
7E6748

Tritanomaly
7E655E

Monochromacy



Original Color
7B6848

Achromatopsia
6A6A6A

Achromatomaly
70695E

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B6848 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 #7B6848 looks like.

```
.text, #text, p{  
    color:#7B6848  
}
```

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 #7B6848 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B6848  
}
```

Border

The CSS property to change the border of an element to Hex 7B6848 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  
#7B6848 }
```

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

```
.border{ border-color:#7B6848 }
```

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

Here you see how a box with a 4 pixel #7B6848 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B6848; -webkit-box-shadow:4px 4px  
4px 4px #7B6848; box-shadow:4px 4px 4px  
4px #7B6848 }
```

Background

The CSS property to change the background color of an element to Hex 7B6848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B6848 }
```

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

```
.background{ background-color:#7B6848 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor