

# Converting Colors

Hex(7A6841)

Have a look what the booklet for  
Hex(7A6841) contains.

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**Color**

**Hex(7A6841)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 7A6841                     |
| RGB           | 122, 104, 65               |
| RGB Percent   | 48%, 41%, 25%              |
| CMY           | 0.5216, 0.5922, 0.7451     |
| CMYK          | 0.00, 0.15, 0.47, 0.52     |
| HSL           | 41°, 30%, 37%              |
| HSV           | 41°, 47%, 48%              |
| XYZ           | 13.9305, 14.4199, 7.0501   |
| YIQ           | 104.9360, 23.2470, -8.3130 |

# Conversions

## Conversions Part 2

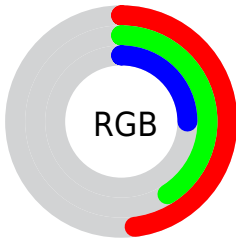
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 91, 122, 65                    |
| Decimal                             | 8022081                        |
| CIELab                              | 44.83, 1.43, 24.57             |
| CIELCh                              | 45, 24.608, 86.678             |
| Yxy                                 | 14.4199, 0.3935,<br>0.4073     |
| Android<br>(android.graphics.Color) | 4286212161<br>(0xFF7A6841)     |
| YUV                                 | 104.9360, -19.6884,<br>14.9651 |
| Hunter-Lab                          | 37.9735, -0.9713,<br>15.5737   |

# Details

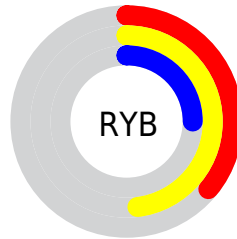
The Hex color **7A6841** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **41537A**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **B09B72**, and **483915** is the 20% darker color. If you saturate the color by 10%, you get **7A6435**, and if you desaturate by 10%, it is **7A6C4D**.

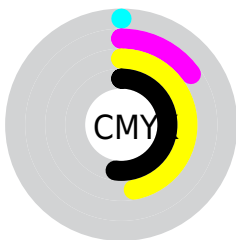
# Distribution



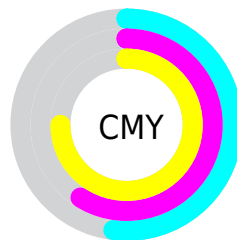
- Red (48%)
- Green (41%)
- Blue (25%)



- Red (36%)
- Yellow (48%)
- Blue (25%)



- Cyan (0%)
- Magenta (15%)
- Yellow (47%)
- Black (52%)



- Cyan (52%)
- Magenta (59%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A6841 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 7A6841 by changing the saturation by 10% instead.



 7A6841

 7A6841

FFFFFF

 60502A

 B09B72

 483915

 CCB68B

 312400

 E8D1A6

 180F00

 FFEEC1

 000000

 FFFFDD

 FFFFFA

 7A6841

 7A6841

 7A6435

 7A6C4D

■ 7A6029

■ 7A7059

■ 7A5C1C

■ 7A7466

■ 7A5910

■ 7A7772

■ 7A5504

■ 7A7B7E

■ 7A5300

■ 7A7F8A

■ 7A8396

■ 7A87A3

■ 7A8BAF

# Harmonies

## Analogous

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



8A6148



7A6841



656E45

# Triad

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



7A6841



20757C



825F81

# Complementary

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



7A6841



41537A

# 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.



69668F



7A6841



2A728C

# Square

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



7A6841



347567



4A6D93



905B6D

# Rectangle

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



7A6841



55724D



4A6D93



7B6186



# Sweetspot

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



7A6841



9E9788



7A4153



4F4B42



CFCFCF



4F4F4F



# Same Dimension

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



7A6841



9E8246



707A41



3D3B37



7D5500



FCAD00



# Inverse Universe

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



41537A



46629E



4B417A



37393D



00277D

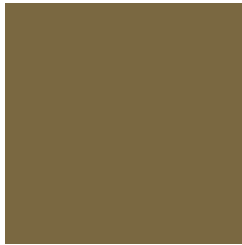


0050FC



# Previews

## White Background



This preview shows how the Hex color 7A6841 looks on a white background.

## Color Contrast Check

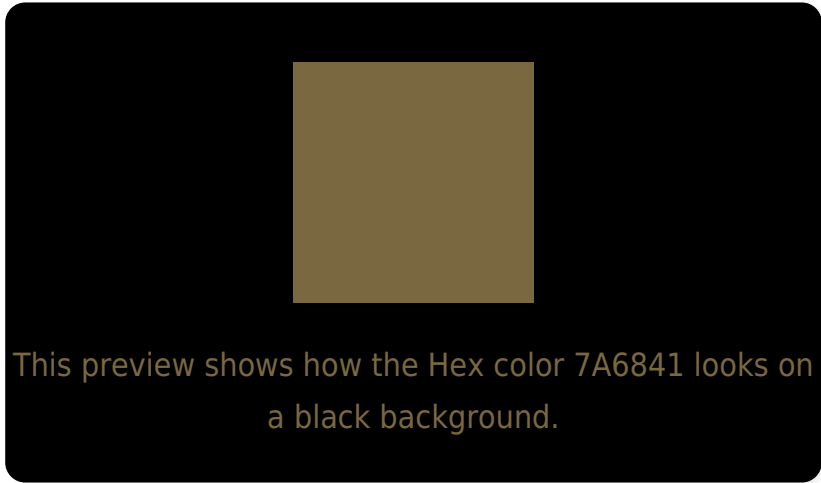
Large Text (above 18pt) WCAG AA ✓ Pass

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

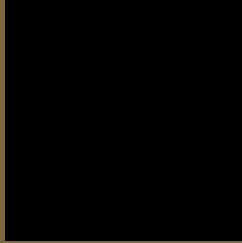
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A6841 Background



This preview shows how black text looks on a background with the Hex color 7A6841.



This preview shows how white text looks on a background with the Hex color 7A6841.

# 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](#).

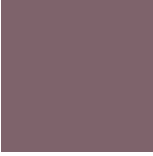
## Dichromacy



**Original Color**  
7A6841

**Protanopia**  
746A42

**Deuteranopia**  
806542



**Tritanopia**  
7E636B

# Trichromacy



**Original Color**  
7A6841

**Protanomaly**  
766942

**Deuteranomaly**  
7E6642

**Tritanomaly**  
7D655C

# Monochromacy



**Original Color**  
7A6841

**Achromatopsia**  
696969

**Achromatomaly**  
6F695A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A6841 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 #7A6841 looks like.

```
.text, #text, p{  
    color:#7A6841  
}
```

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 #7A6841 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A6841
}
```

## Border

The CSS property to change the border of an element to Hex 7A6841 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
#7A6841 }
```

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

```
.border{ border-color:#7A6841 }
```

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

Here you see how a box with a 4 pixel #7A6841 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A6841; -webkit-box-shadow:4px 4px  
4px 4px #7A6841; box-shadow:4px 4px 4px  
4px #7A6841 }
```

# Background

The CSS property to change the background color of an element to Hex 7A6841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A6841 }
```

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

```
.background{ background-color:#7A6841 }
```

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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