

# Converting Colors

Hex(7A6850)

Have a look what the booklet for  
Hex(7A6850) contains.

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**Color**

**Hex(7A6850)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A6850
RGB	122, 104, 80
RGB Percent	48%, 41%, 31%
CMY	0.5216, 0.5922, 0.6863
CMYK	0.00, 0.15, 0.34, 0.52
HSL	34°, 21%, 40%
HSV	34°, 34%, 48%
XYZ	14.4243, 14.6174, 9.6506
YIQ	106.6460, 18.4320, -3.6480

# Conversions

## Conversions Part 2

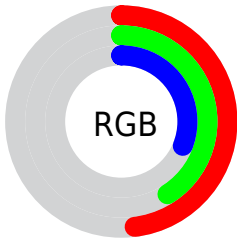
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 122, 80
Decimal	8022096
CIE <sub>Lab</sub>	45.11, 3.31, 16.18
CIE <sub>LCh</sub>	45, 16.518, 78.429
Yxy	14.6174, 0.3728, 0.3778
Android (android.graphics.Color)	4286212176 (0xFF7A6850)
YUV	106.6460, -13.1365, 13.4655
Hunter-Lab	38.2327, 0.4367, 11.7970

# Details

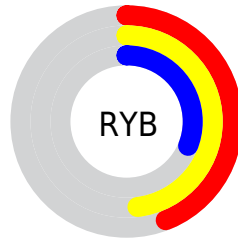
The Hex color **7A6850** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **50627A**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **AF9B81**, and **483923** is the 20% darker color. If you saturate the color by 10%, you get **7A6344**, and if you desaturate by 10%, it is **7A6D5C**.

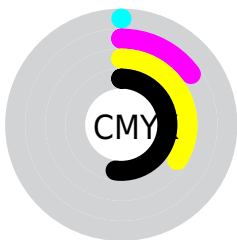
# Distribution



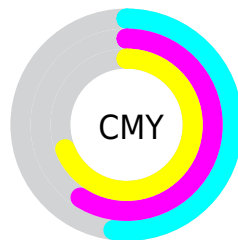
- Red (48%)
- Green (41%)
- Blue (31%)



- Red (44%)
- Yellow (48%)
- Blue (31%)



- Cyan (0%)
- Magenta (15%)
- Yellow (34%)
- Black (52%)



- Cyan (52%)
- Magenta (59%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A6850 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 7A6850 by changing the saturation by 10% instead.



 7A6850

 7A6850

FFFFFF

 615039

 AF9B81

 483923

 CBB69B

 31240E

 E7D1B6

 1C0F00

 FFEED2

 000000

 FFFFEE

 7A6850

 7A6850

 7A6344

 7A6D5C

 7A5E38

 7A7268

 7A582B

 7A7875

 7A531F

 7A7D81

 7A4E13

 7A828D

 7A4907

 7A8799

 7A4600

 7A8DA5

 7A92B2

 7A97BE

# Harmonies

## Analogous

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



846457



7A6850



6C6D50

# Triad

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



7A6850



447273



77647D

# Complementary

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



7A6850



50627A

# 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.



666985



7A6850



46717F

# Square

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



7A6850



4E7265



536E85



836171

# Rectangle

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



7A6850



626F55



536E85



726680



# Sweetspot

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



7A6850



9E978E



7A5062



4F4B46



CFCFCF



4F4F4F



# Same Dimension

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



7A6850



9E825D



777A50



3D3B37



7D4700



FC9000



# Inverse Universe

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



50627A



5D799E



53507A



373A3D



00367D

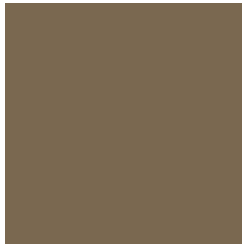


006CFC



# Previews

## White Background



This preview shows how the Hex color 7A6850 looks on a white background.

## Color Contrast Check

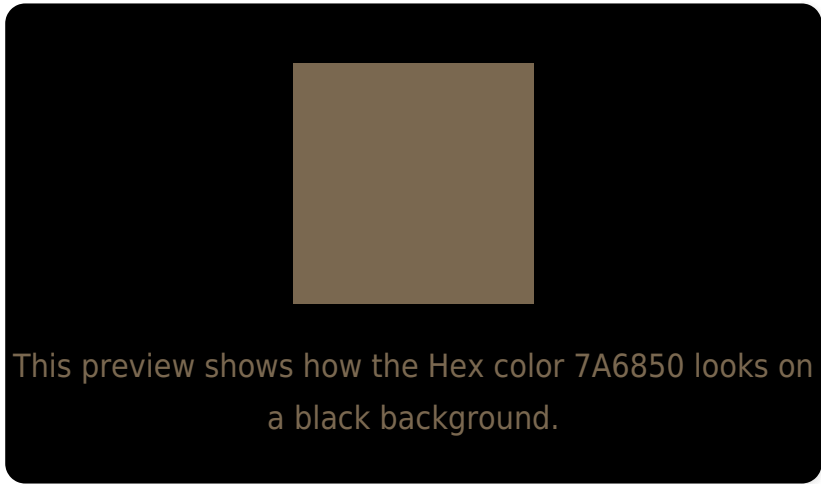
Large Text (above 18pt) WCAG AA ✓ Pass

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

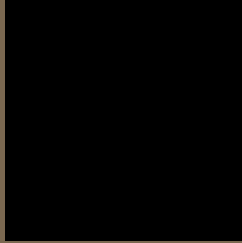
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A6850 Background



This preview shows how black text looks on a background with the Hex color 7A6850.



This preview shows how white text looks on a background with the Hex color 7A6850.

# 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**


7A6850

**Protanopia**

726B51

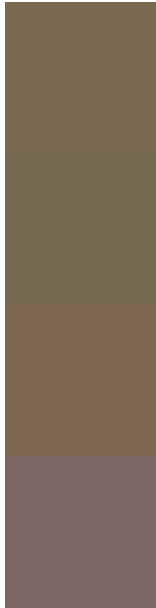
**Deuteranopia**

7E6650



**Tritanopia**  
7D646C

# Trichromacy



**Original Color**

7A6850

**Protanomaly**

756A51

**Deuteranomaly**

7D6750

**Tritanomaly**

7C6562

# Monochromacy



**Original Color**

7A6850

**Achromatopsia**

6B6B6B

**Achromatomaly**

706A61

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A6850 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 #7A6850 looks like.

```
.text, #text, p{  
    color:#7A6850  
}
```

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 #7A6850 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A6850
}
```

## Border

The CSS property to change the border of an element to Hex 7A6850 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
#7A6850 }
```

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

```
.border{ border-color:#7A6850 }
```

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

Here you see how a box with a 4 pixel #7A6850 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A6850; -webkit-box-shadow:4px 4px  
4px 4px #7A6850; box-shadow:4px 4px 4px  
4px #7A6850 }
```

# Background

The CSS property to change the background color of an element to Hex 7A6850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A6850 }
```

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

```
.background{ background-color:#7A6850 }
```

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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