

# Converting Colors

Hex(7F6851)

Have a look what the booklet for  
Hex(7F6851) contains.

<b>Hex(7F6851)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(7F6851)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F6851
RGB	127, 104, 81
RGB Percent	50%, 41%, 32%
CMY	0.5020, 0.5922, 0.6824
CMYK	0.00, 0.18, 0.36, 0.50
HSL	30°, 22%, 41%
HSV	30°, 36%, 50%
XYZ	15.1879, 15.0067, 9.8807
YIQ	108.2550, 21.0910, -2.2770

# Conversions

## Conversions Part 2

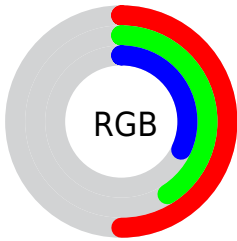
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 127, 81
Decimal	8349777
CIE Lab	45.64, 5.62, 16.41
CIE LCh	46, 17.343, 71.089
Yxy	15.0067, 0.3790, 0.3745
Android (android.graphics.Color)	4286539857 (0xFF7F6851)
YUV	108.2550, -13.4367, 16.4394
Hunter-Lab	38.7385, 2.1907, 11.9944

# Details

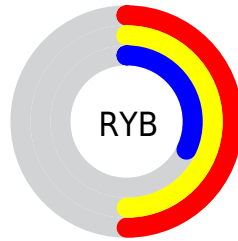
The Hex color **7F6851** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **51687F**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **B59B82**, and **4D3924** is the 20% darker color. If you saturate the color by 10%, you get **7F6244**, and if you desaturate by 10%, it is **7F6E5E**.

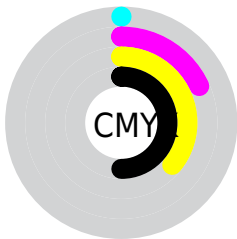
# Distribution



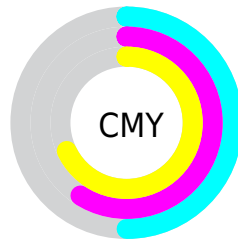
- Red (50%)
- Green (41%)
- Blue (32%)



- Red (50%)
- Yellow (50%)
- Blue (32%)



- Cyan (0%)
- Magenta (18%)
- Yellow (36%)
- Black (50%)



- Cyan (50%)
- Magenta (59%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F6851 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 7F6851 by changing the saturation by 10% instead.





7F6851



7F6851

FFFFFF



65503A



B59B82



4D3924



D0B69D



35240F



EDD1B7



200F00



FFEED3



000000



FFFFEF



7F6851



7F6851



7F6244



7F6E5E



7F5B38



7F756A

■ 7F552B

■ 7F7B77

■ 7F4F1E

■ 7F8184

■ 7F4811

■ 7F8891

■ 7F4205

■ 7F8E9D

■ 7F4000

■ 7F94AA

■ 7F9BB7

■ 7FA1C3

# Harmonies

## Analogous

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



88645A



7F6851



716D50

# Triad

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



7F6851



457471



756782

# Complementary

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



7F6851



51687F

# 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.



626C88



7F6851



43737F

# Square

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



7F6851



517462



4F7087



836376

# Rectangle

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



7F6851



677053



4F7087



6F6885



# Sweetspot

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



7F6851



A69D94



7F5168



544F49



D4D4D4



545454



# Same Dimension

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



7F6851



A6825E



7F7F51



403D39



804000



000000



# Inverse Universe

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



51687F



5E82A6



51517F



393D40



004080

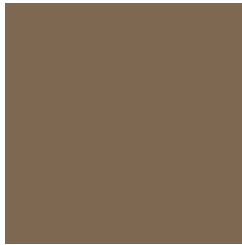


000000



# Previews

## White Background



This preview shows how the Hex color 7F6851 looks on a white background.

## Color Contrast Check

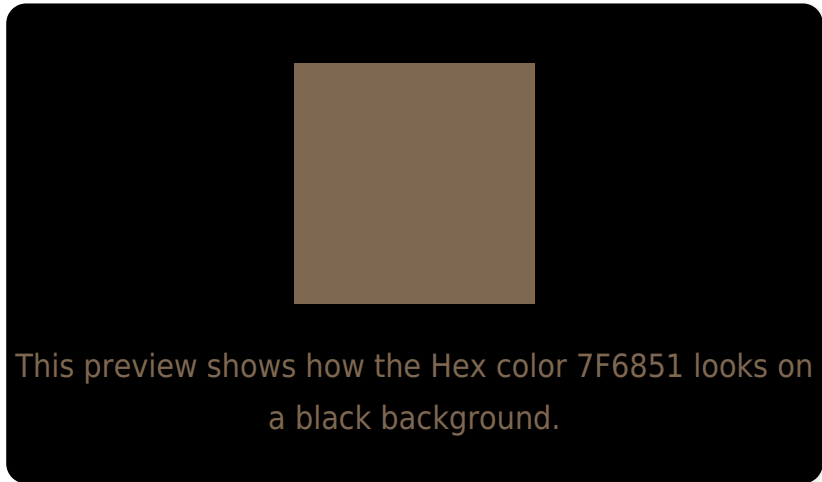
Large Text (above 18pt) WCAG AA ✓ Pass

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

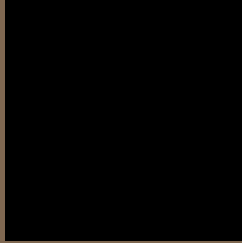
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7F6851 Background



This preview shows how black text looks on a background with the Hex color 7F6851.



This preview shows how white text looks on a background with the Hex color 7F6851.

# 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**  
7F6851

**Protanopia**  
746C53

**Deuteranopia**  
806851



**Tritanopia**  
82646C

# Trichromacy



**Original Color**  
7F6851

**Protanomaly**  
786B52

**Deuteranomaly**  
806851

**Tritanomaly**  
816562

# Monochromacy



**Original Color**  
7F6851

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
736B62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F6851 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 #7F6851 looks like.

```
.text, #text, p{  
    color:#7F6851  
}
```

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 #7F6851 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F6851
}
```

## Border

The CSS property to change the border of an element to Hex 7F6851 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
#7F6851 }
```

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

```
.border{ border-color:#7F6851 }
```

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

Here you see how a box with a 4 pixel #7F6851 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F6851; -webkit-box-shadow:4px 4px  
4px 4px #7F6851; box-shadow:4px 4px 4px  
4px #7F6851 }
```

# Background

The CSS property to change the background color of an element to Hex 7F6851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F6851 }
```

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

```
.background{ background-color:#7F6851 }
```

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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