

# Converting Colors

Hex(7F7851)

Have a look what the booklet for  
Hex(7F7851) contains.

<b>Hex(7F7851)</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(7F7851)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F7851
RGB	127, 120, 81
RGB Percent	50%, 47%, 32%
CMY	0.5020, 0.5294, 0.6824
CMYK	0.00, 0.06, 0.36, 0.50
HSL	51°, 22%, 41%
HSV	51°, 36%, 50%
XYZ	16.9541, 18.5390, 10.4694
YIQ	117.6470, 16.6910, -10.6450

# Conversions

## Conversions Part 2

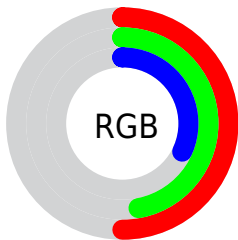
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 127, 81
Decimal	8353873
CIELab	50.14, -3.64, 22.41
CIElCh	50, 22.709, 99.229
Yxy	18.5390, 0.3689, 0.4034
Android (android.graphics.Color)	4286543953 (0xFF7F7851)
YUV	117.6470, -18.0670, 8.2026
Hunter-Lab	43.0570, -5.0638, 15.7234

# Details

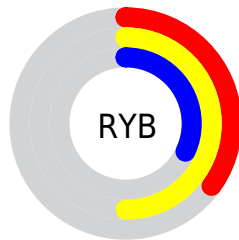
The Hex color **7F7851** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **51587F**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **B4AC83**, and **4D4823** is the 20% darker color. If you saturate the color by 10%, you get **7F7644**, and if you desaturate by 10%, it is **7F7A5E**.

# Distribution



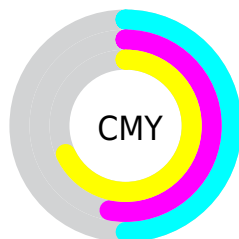
- Red (50%)
- Green (47%)
- Blue (32%)



- Red (35%)
- Yellow (50%)
- Blue (32%)



- Cyan (0%)
- Magenta (6%)
- Yellow (36%)
- Black (50%)



- Cyan (50%)
- Magenta (53%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F7851 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 7F7851 by changing the saturation by 10% instead.





7F7851



7F7851

FFFFFF



655F3A



B4AC83



4D4823



D0C79D



35310E



EDE3B8



201C00



FFFFD4



000100



FFFFFF0



000000



7F7851



7F7851



7F7644



7F7A5E



7F7438



7F7C6A

 7F722B

 7F7E77

 7F701E

 7F8084

 7F6E11

 7F8291

 7F6C05

 7F849D

 7F6C00

 7F86AA

 7F87B7

 7F89C3

# Harmonies

## Analogous

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



917154



7F7851



6A7D59

# Triad

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



7F7851



3B818F



956B85

# Complementary

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



7F7851



51587F

# 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.



827095



7F7851



4B7D9B

# Square

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



7F7851



40827D



67779D



9E6972

# Rectangle

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



7F7851



5B8063



67779D



906C8B



# Sweetspot

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



7F7851



A6A394



7F5159



545249



D4D4D4



545454



# Same Dimension

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



7F7851



A69B5E



707F51



403F39



806C00



000000



# Inverse Universe

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



51587F



5E69A6



60517F



393A40



001380



000000



# Previews

## White Background



This preview shows how the Hex color 7F7851 looks on a white background.

## Color Contrast Check

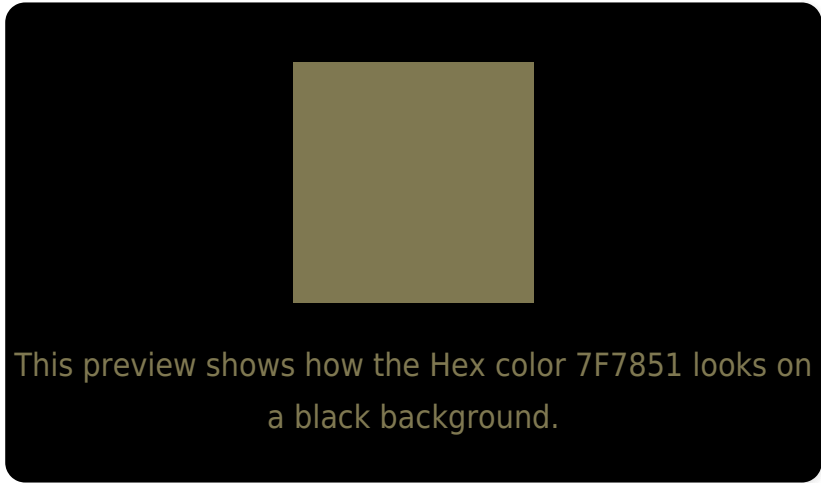
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

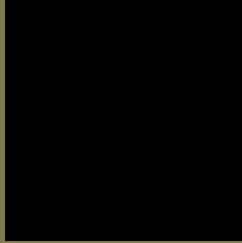
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7F7851 Background



This preview shows how black text looks on a background with the Hex color 7F7851.



This preview shows how white text looks on a background with the Hex color 7F7851.

# 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**  
7F7851

**Protanopia**  
817751

**Deuteranopia**  
8E7252



**Tritanopia**  
84737C

# Trichromacy



**Original Color**  
7F7851

**Protanomaly**  
807751

**Deuteranomaly**  
897452

**Tritanomaly**  
82756C

# Monochromacy



**Original Color**  
7F7851

**Achromatopsia**  
767676

**Achromatomaly**  
797769

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F7851 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 #7F7851 looks like.

```
.text, #text, p{  
    color:#7F7851  
}
```

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 #7F7851 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F7851
}
```

## Border

The CSS property to change the border of an element to Hex 7F7851 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
#7F7851 }
```

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

```
.border{ border-color:#7F7851 }
```

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

Here you see how a box with a 4 pixel #7F7851 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F7851; -webkit-box-shadow:4px 4px  
4px 4px #7F7851; box-shadow:4px 4px 4px  
4px #7F7851 }
```

# Background

The CSS property to change the background color of an element to Hex 7F7851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F7851 }
```

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

```
.background{ background-color:#7F7851 }
```

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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