

# Converting Colors

Hex(7F7C4E)

Have a look what the booklet for  
Hex(7F7C4E) contains.

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**Color**

**Hex(7F7C4E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F7C4E
RGB	127, 124, 78
RGB Percent	50%, 49%, 31%
CMY	0.5020, 0.5137, 0.6941
CMYK	0.00, 0.02, 0.39, 0.50
HSL	56°, 24%, 40%
HSV	56°, 39%, 50%
XYZ	17.3352, 19.4774, 10.0536
YIQ	119.6530, 16.5540, -13.6700

# Conversions

## Conversions Part 2

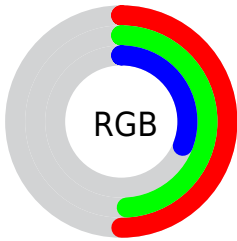
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 127, 78
Decimal	8354894
CIE <sub>Lab</sub>	51.24, -6.28, 25.54
CIE <sub>LCh</sub>	51, 26.298, 103.816
Yxy	19.4774, 0.3699, 0.4156
Android (android.graphics.Color)	4286544974 (0xFF7F7C4E)
YUV	119.6530, -20.5349, 6.4433
Hunter-Lab	44.1332, -7.1196, 17.3869

# Details

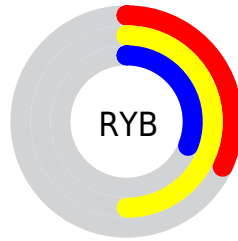
The Hex color **7F7C4E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4E517F**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **B5B080**, and **4D4B20** is the 20% darker color. If you saturate the color by 10%, you get **7F7B41**, and if you desaturate by 10%, it is **7F7D5B**.

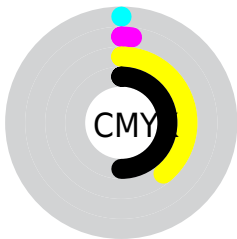
# Distribution



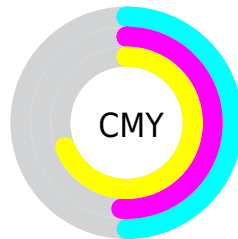
- Red (50%)
- Green (49%)
- Blue (31%)



- Red (32%)
- Yellow (50%)
- Blue (31%)



- Cyan (0%)
- Magenta (2%)
- Yellow (39%)
- Black (50%)



- Cyan (50%)
- Magenta (51%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F7C4E 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 7F7C4E by changing the saturation by 10% instead.



7F7C4E

7F7C4E

FFFFFF

656337

B5B080

4D4B20

D0CC9A

35350A

EDE8B5

1F2000

FFFFD1

000800

FFFFED

000000

7F7C4E

7F7C4E

7F7B41

7F7D5B

7F7A35

7F7E67

 7F7A28

 7F7E74

 7F791B

 7F7F81

 7F780F

 7F808E

 7F7702

 7F819A

 7F7700

 7F81A7

 7F82B4

 7F83C0

# Harmonies

## Analogous

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



94744F



7F7C4E



668259

# Triad

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



7F7C4E



2D8498



9F6A87

# Complementary

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



7F7C4E



4E517F

# 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.



8A719B



7F7C4E



4880A5

# Square

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



7F7C4E



328684



6B79A5



A76970

# Rectangle

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



7F7C4E



548566



6B79A5



996C8E



# Sweetspot

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



7F7C4E



A6A592



7F4E51



545348



D4D4D4



545454



# Same Dimension

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



7F7C4E



A6A15A



6A7F4E



403F39



807800



000000



# Inverse Universe

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



4E517F



5A5EA6



634E7F



393A40



000880



000000



# Previews

## White Background



This preview shows how the Hex color 7F7C4E looks on a white background.

## Color Contrast Check

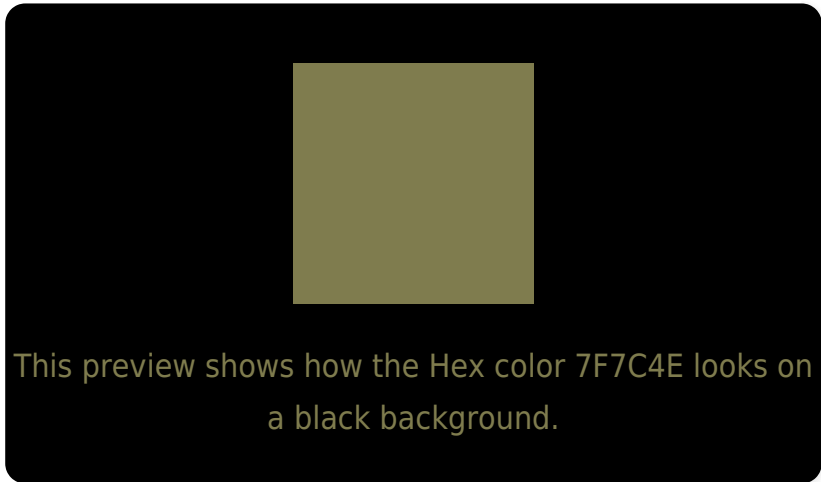
Large Text (above 18pt) WCAG AA ✓ Pass

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

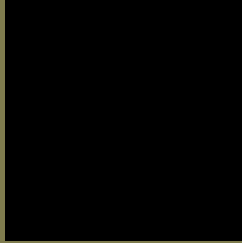
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7F7C4E Background



This preview shows how black text looks on a background with the Hex color 7F7C4E.



This preview shows how white text looks on a background with the Hex color 7F7C4E.

# 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**  
7F7C4E

**Protanopia**  
857A4D

**Deuteranopia**  
937550



**Tritanopia**  
85767F

# Trichromacy



**Original Color**  
7F7C4E

**Protanomaly**  
837B4D

**Deuteranomaly**  
8C784F

**Tritanomaly**  
83786D

# Monochromacy



**Original Color**  
7F7C4E

**Achromatopsia**  
787878

**Achromatomaly**  
7B7969

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F7C4E 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 #7F7C4E looks like.

```
.text, #text, p{  
    color:#7F7C4E  
}
```

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 #7F7C4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F7C4E
}
```

## Border

The CSS property to change the border of an element to Hex 7F7C4E 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
#7F7C4E }
```

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

```
.border{ border-color:#7F7C4E }
```

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

Here you see how a box with a 4 pixel #7F7C4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F7C4E; -webkit-box-shadow:4px 4px  
4px 4px #7F7C4E; box-shadow:4px 4px 4px  
4px #7F7C4E }
```

# Background

The CSS property to change the background color of an element to Hex 7F7C4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F7C4E }
```

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

```
.background{ background-color:#7F7C4E }
```

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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