

# Converting Colors

Hex(7E7D64)

Have a look what the booklet for  
Hex(7E7D64) contains.

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# Color

Hex(7E7D64)

# Conversions

## Conversions Part 1

Format	Color
Hex	7E7D64
RGB	126, 125, 100
RGB Percent	49%, 49%, 39%
CMY	0.5059, 0.5098, 0.6078
CMYK	0.00, 0.01, 0.21, 0.51
HSL	58°, 12%, 44%
HSV	58°, 21%, 49%
XYZ	18.2381, 20.0230, 14.9602
YIQ	122.4490, 8.6210, -7.5630

# Conversions

## Conversions Part 2

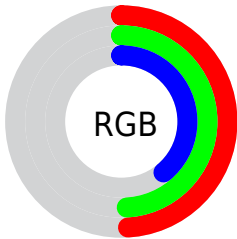
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 126, 100
Decimal	8289636
CIE <sub>Lab</sub>	51.86, -4.12, 13.80
CIE <sub>LCh</sub>	52, 14.405, 106.625
Yxy	20.0230, 0.3427, 0.3762
Android (android.graphics.Color)	4286479716 (0xFF7E7D64)
YUV	122.4490, -11.0674, 3.1142
Hunter-Lab	44.7470, -5.5540, 11.5006

# Details

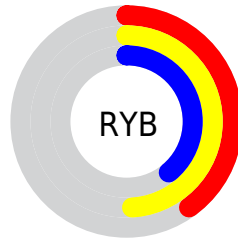
The Hex color **7E7D64** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **64657E**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B3B297**, and **4D4C35** is the 20% darker color. If you saturate the color by 10%, you get **7E7D57**, and if you desaturate by 10%, it is **7E7D71**.

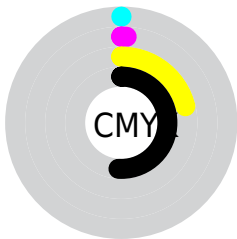
# Distribution



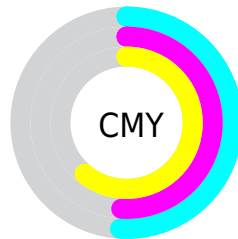
- Red (49%)
- Green (49%)
- Blue (39%)



- Red (40%)
- Yellow (49%)
- Blue (39%)



- Cyan (0%)
- Magenta (1%)
- Yellow (21%)
- Black (51%)



- Cyan (51%)
- Magenta (51%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E7D64 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 7E7D64 by changing the saturation by 10% instead.





7E7D64



7E7D64

FFFFFF



65644C



B3B297



4D4C35



CECDB2



363620



EBE9CD



202009



FFFFE9



000A00



000000



7E7D64



7E7D64



7E7D57



7E7D71



7E7C4B



7E7E7D

 7E7C3E

 7E7E8A

 7E7B32

 7E7F96

 7E7B25

 7E7FA3

 7E7A18

 7E80B0

 7E7A0C

 7E80BC

 7E7900

 7E81C9

 7E81D5

# Harmonies

## Analogous

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



8A7964



7E7D64



70806A

# Triad

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



7E7D64



5C818D



917482

# Complementary

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



7E7D64



64657E

# 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.



86768D



7E7D64



677E93

# Square

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



7E7D64



5B8382



777A93



967375

# Rectangle

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



7E7D64



678271



777A93



8E7486



# Sweetspot

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



7E7D64



A3A399



7E6465



52514C



D1D1D1



525252



# Same Dimension

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



7E7D64



A3A27A



727E64



404039



807B00



000000



# Inverse Universe

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



64657E



7A7CA3



70647E



393A40



000580



000000



# Previews

## White Background



This preview shows how the Hex color 7E7D64 looks on a white background.

## Color Contrast Check

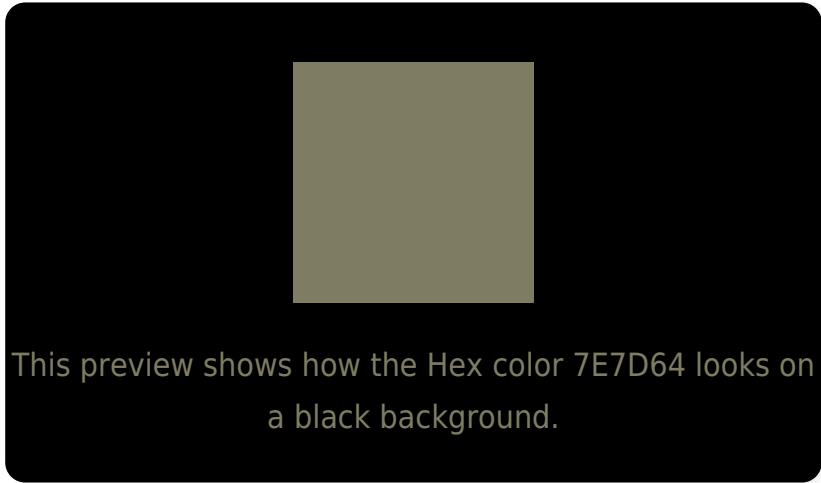
Large Text (above 18pt) WCAG AA ✓ Pass

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

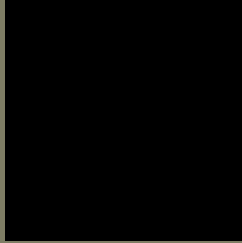
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

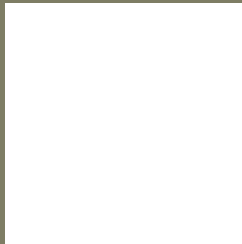
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7E7D64 Background



This preview shows how black text looks on a background with the Hex color 7E7D64.



This preview shows how white text looks on a background with the Hex color 7E7D64.

# 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**  
7E7D64

**Protanopia**  
837B63

**Deuteranopia**  
8F7765



**Tritanopia**  
827982

# Trichromacy



**Original Color**

7E7D64

**Protanomaly**

817C63

**Deuteranomaly**

897965

**Tritanomaly**

817A77

# Monochromacy



**Original Color**

7E7D64

**Achromatopsia**

7A7A7A

**Achromatomaly**

7B7B72

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E7D64 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 #7E7D64 looks like.

```
.text, #text, p{  
    color:#7E7D64  
}
```

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 #7E7D64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E7D64
}
```

## Border

The CSS property to change the border of an element to Hex 7E7D64 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
#7E7D64 }
```

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

```
.border{ border-color:#7E7D64 }
```

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

Here you see how a box with a 4 pixel #7E7D64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E7D64; -webkit-box-shadow:4px 4px  
4px 4px #7E7D64; box-shadow:4px 4px 4px  
4px #7E7D64 }
```

# Background

The CSS property to change the background color of an element to Hex 7E7D64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E7D64 }
```

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

```
.background{ background-color:#7E7D64 }
```

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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