

# Converting Colors

Hex(7E7147)

Have a look what the booklet for  
Hex(7E7147) contains.

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**Color**

**Hex(7E7147)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E7147
RGB	126, 113, 71
RGB Percent	49%, 44%, 28%
CMY	0.5059, 0.5569, 0.7216
CMYK	0.00, 0.10, 0.44, 0.51
HSL	46°, 28%, 39%
HSV	46°, 44%, 49%
XYZ	15.6466, 16.7008, 8.3601
YIQ	112.0990, 21.2300, -10.3060

# Conversions

## Conversions Part 2

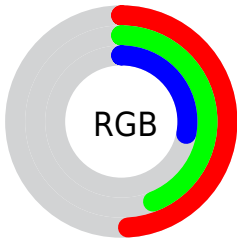
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 126, 71
Decimal	8286535
CIE Lab	47.88, -1.32, 25.13
CIE LCh	48, 25.168, 93.003
Yxy	16.7008, 0.3844, 0.4103
Android (android.graphics.Color)	4286476615 (0xFF7E7147)
YUV	112.0990, -20.2618, 12.1912
Hunter-Lab	40.8666, -3.1741, 16.4776

# Details

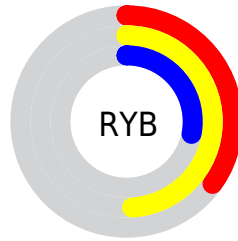
The Hex color **7E7147** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **47547E**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **B4A578**, and **4B411A** is the 20% darker color. If you saturate the color by 10%, you get **7E6E3A**, and if you desaturate by 10%, it is **7E7454**.

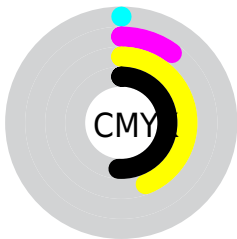
# Distribution



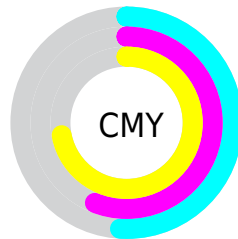
- Red (49%)
- Green (44%)
- Blue (28%)



- Red (35%)
- Yellow (49%)
- Blue (28%)



- Cyan (0%)
- Magenta (10%)
- Yellow (44%)
- Black (51%)



- Cyan (51%)
- Magenta (56%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E7147 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 7E7147 by changing the saturation by 10% instead.



 7E7147

 7E7147

FFFFFF

 645930

 B4A578

 4B411A

 D0C092

 342B01

 ECDCAD

 1D1700

 FFF8C8

 000000

 FFFFE4

 7E7147

 7E7147

 7E6E3A

 7E7454

 7E6B2E

 7E7760

 7E6821

 7E7A6D

 7E6515

 7E7D79

 7E6208

 7E8086

 7E6000

 7E8393

 7E869F

 7E89AC

 7E8CB8

# Harmonies

## Analogous

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



906A4C



7E7147



67774D

# Triad

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



7E7147



267C88



8E6585

# Complementary

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



7E7147



47547E

# 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.



776B95



7E7147



377997

# Square

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



7E7147



357D73



58739C



9A6170

# Rectangle

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



7E7147



577A57



58739C



88678B



# Sweetspot

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



7E7147



A39E8E



7E4755



524F45



D1D1D1



525252



# Same Dimension

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



7E7147



A38F4E



707E47



403E39



806100



000000



# Inverse Universe

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



47547E



4E62A3



55477E



393B40



001E80



000000



# Previews

## White Background



This preview shows how the Hex color 7E7147 looks on a white background.

## Color Contrast Check

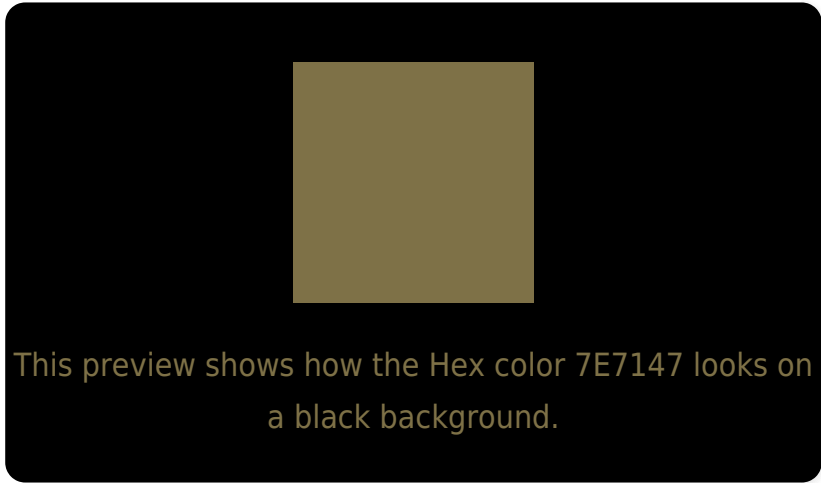
Large Text (above 18pt) WCAG AA ✓ Pass

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

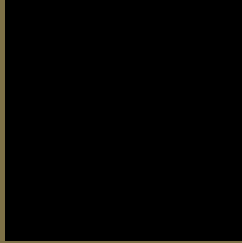
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7E7147 Background



This preview shows how black text looks on a background with the Hex color 7E7147.

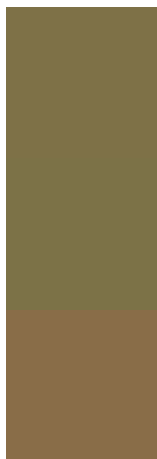


This preview shows how white text looks on a background with the Hex color 7E7147.

# 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**  
7E7147

**Protanopia**  
7C7247

**Deuteranopia**  
896D48



**Tritanopia**  
836C74

# Trichromacy



**Original Color**  
7E7147

**Protanomaly**  
7D7247

**Deuteranomaly**  
856E48

**Tritanomaly**  
816E64

# Monochromacy



**Original Color**  
7E7147

**Achromatopsia**  
707070

**Achromatomaly**  
757061

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E7147 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 #7E7147 looks like.

```
.text, #text, p{  
    color:#7E7147  
}
```

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 #7E7147 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E7147
}
```

## Border

The CSS property to change the border of an element to Hex 7E7147 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
#7E7147 }
```

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

```
.border{ border-color:#7E7147 }
```

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

Here you see how a box with a 4 pixel #7E7147 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E7147; -webkit-box-shadow:4px 4px  
4px 4px #7E7147; box-shadow:4px 4px 4px  
4px #7E7147 }
```

# Background

The CSS property to change the background color of an element to Hex 7E7147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E7147 }
```

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

```
.background{ background-color:#7E7147 }
```

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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