

# Converting Colors

Hex(7E7570)

Have a look what the booklet for  
Hex(7E7570) contains.

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# Color

**Hex(7E7570)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E7570
RGB	126, 117, 112
RGB Percent	49%, 46%, 44%
CMY	0.5059, 0.5412, 0.5608
CMYK	0.00, 0.07, 0.11, 0.51
HSL	21°, 6%, 47%
HSV	21°, 11%, 49%
XYZ	17.8901, 18.3281, 17.9240
YIQ	119.1210, 6.9690, 0.3530

# Conversions

## Conversions Part 2

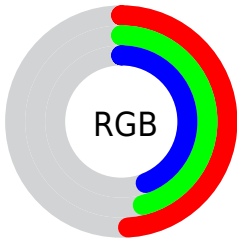
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 120, 112
Decimal	8287600
CIE <sub>Lab</sub>	49.89, 2.53, 4.00
CIE <sub>LCh</sub>	50, 4.729, 57.647
Yxy	18.3281, 0.3304, 0.3385
Android (android.graphics.Color)	4286477680 (0xFF7E7570)
<b>YUV</b>	119.1210, -3.5107, 6.0329
Hunter-Lab	42.8113, -0.3276, 5.1447

# Details

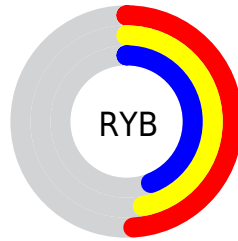
The Hex color **7E7570** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **70797E**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **B3A9A4**, and **4D4540** is the 20% darker color. If you saturate the color by 10%, you get **7E6D63**, and if you desaturate by 10%, it is **7E7D7D**.

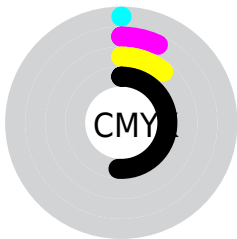
# Distribution



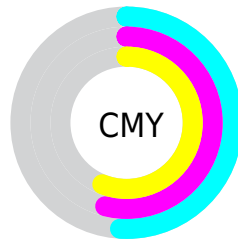
- Red (49%)
- Green (46%)
- Blue (44%)



- Red (49%)
- Yellow (47%)
- Blue (44%)



- Cyan (0%)
- Magenta (7%)
- Yellow (11%)
- Black (51%)



- Cyan (51%)
- Magenta (54%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E7570 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 7E7570 by changing the saturation by 10% instead.



 7E7570

 7E7570

FFFFFF

 655C58

 B3A9A4

 4D4540

 CEC4BF

 362F2A

 EAE0DB

 211A16

 FFFDF7

 050000

 000000

 7E7570

 7E7570

 7E6D63

 7E7D7D

 7E6557

 7E8589

 7E5D4A

 7E8D96

 7E553E

 7E95A2

 7E4C31

 7E9EAF

 7E4424

 7EA6BC

 7E3C18

 7EAEC8

 7E340B

 7EB6D5

 7E2D00

 7EBEE1

# Harmonies

## Analogous

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



807473



7E7570



7B766F

# Triad

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



7E7570



6E7976



77767E

# Complementary

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



7E7570



70797E

# 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.



72777F



7E7570



6D797A

# Square

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



7E7570



717972



6F787D



7C757B

# Rectangle

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



7E7570



78776F



6F787D



76767E



# Sweetspot

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



7E7570



A3A09E



7E7079



52504E



D1D1D1



525252



# Same Dimension

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



7E7570



A3968E



7E7C70



403C39



802E00



000000



# Inverse Universe

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



70797E



8E9CA3



70727E



393D40



005280



000000



# Previews

## White Background



This preview shows how the Hex color 7E7570 looks on a white background.

## Color Contrast Check

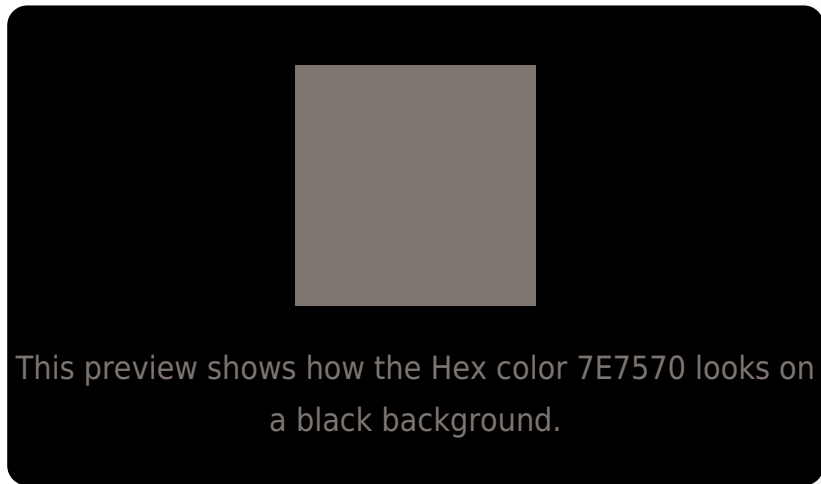
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

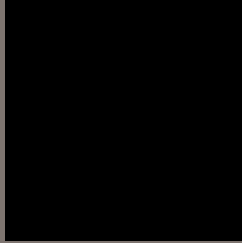
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7E7570 Background



This preview shows how black text looks on a background with the Hex color 7E7570.



This preview shows how white text looks on a background with the Hex color 7E7570.

# 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**  
7E7570

**Protanopia**  
7A7671

**Deuteranopia**  
847370



**Tritanopia**  
80737C

# Trichromacy



**Original Color**  
7E7570

**Protanomaly**  
7B7671

**Deuteranomaly**  
827470

**Tritanomaly**  
7F7478

# Monochromacy



**Original Color**  
7E7570

**Achromatopsia**  
777777

**Achromatomaly**  
7A7674

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E7570 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 #7E7570 looks like.

```
.text, #text, p{  
    color:#7E7570  
}
```

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 #7E7570 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E7570
}
```

## Border

The CSS property to change the border of an element to Hex 7E7570 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
#7E7570 }
```

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

```
.border{ border-color:#7E7570 }
```

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

Here you see how a box with a 4 pixel #7E7570 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E7570; -webkit-box-shadow:4px 4px  
4px 4px #7E7570; box-shadow:4px 4px 4px  
4px #7E7570 }
```

# Background

The CSS property to change the background color of an element to Hex 7E7570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E7570 }
```

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

```
.background{ background-color:#7E7570 }
```

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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