

# Converting Colors

Hex(7E7478)

Have a look what the booklet for  
Hex(7E7478) contains.

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# Color

**Hex(7E7478)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E7478
RGB	126, 116, 120
RGB Percent	49%, 45%, 47%
CMY	0.5059, 0.5451, 0.5294
CMYK	0.00, 0.08, 0.05, 0.51
HSL	336°, 4%, 47%
HSV	336°, 8%, 49%
XYZ	18.2397, 18.2825, 20.3368
YIQ	119.4460, 4.6760, 3.3640

# Conversions

## Conversions Part 2

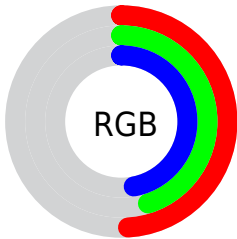
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 116, 120
Decimal	8287352
CIE <sub>Lab</sub>	49.84, 4.62, -0.81
CIE <sub>LCh</sub>	50, 4.692, 350.032
Yxy	18.2825, 0.3208, 0.3215
Android (android.graphics.Color)	4286477432 (0xFF7E7478)
YUV	119.4460, 0.2731, 5.7479
Hunter-Lab	42.7580, 1.3182, 1.7307

# Details

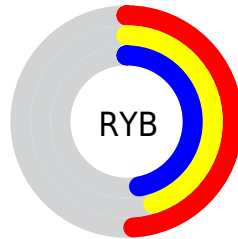
The Hex color **7E7478** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **747E7A**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **B3A8AC**, and **4D4448** is the 20% darker color. If you saturate the color by 10%, you get **7E6770**, and if you desaturate by 10%, it is **7E8180**.

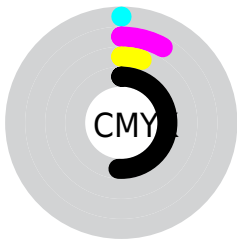
# Distribution



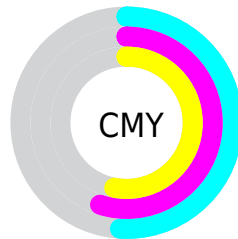
- Red (49%)
- Green (45%)
- Blue (47%)



- Red (49%)
- Yellow (45%)
- Blue (47%)



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (51%)



- Cyan (51%)
- Magenta (55%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E7478 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 7E7478 by changing the saturation by 10% instead.



 7E7478

 7E7478

FFFFFF

 655B5F

 B3A8AC

 4D4448

 CEC3C8

 362E31

 EADFE4

 21191C

 FFFCFF

 0A0001

 000000

 7E7478

 7E7478

 7E6770

 7E8180

 7E5B69

 7E8D87

 7E4E61

 7E9A8F

 7E425A

 7EA696

 7E3552

 7EB39E

 7E284B

 7EC0A5

 7E1C43

 7ECCAD

 7E0F3C

 7ED9B4

 7E0334

 7EE5BC

# Harmonies

## Analogous

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



7B757C



7E7478



7F7474

# Triad

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



7E7478



77776F



6E787C

# Complementary

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



7E7478



747E7A

# 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.



6D7979



7E7478



727871

# Square

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



7E7478



7B766F



6F7975



71777E

# Rectangle

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



7E7478



7F7472



6F7975



6D797B



# Sweetspot

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



7E7478



A3A0A1



7A747E



525051



D1D1D1



525252



# Same Dimension

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



7E7478



A39399



7E7574



40393C



800033



000000



# Inverse Universe

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



7E7478



A39399



747D7E



40393C



800033



000000



# Previews

## White Background



This preview shows how the Hex color 7E7478 looks on a white background.

## Color Contrast Check

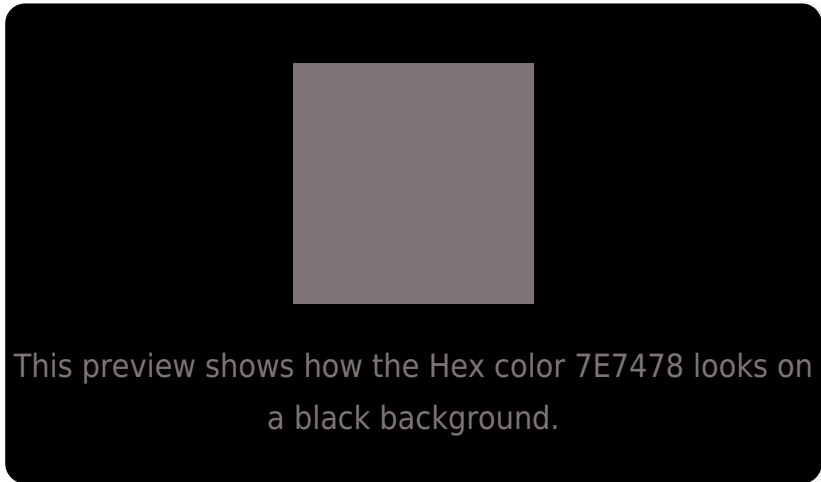
Large Text (above 18pt) WCAG AA ✓ Pass

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

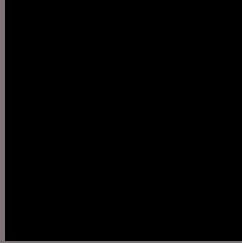
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7E7478 Background



This preview shows how black text looks on a background with the Hex color 7E7478.



This preview shows how white text looks on a background with the Hex color 7E7478.

# 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**  
7E7478

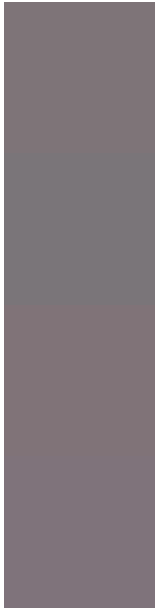
**Protanopia**  
787679

**Deuteranopia**  
817378



**Tritanopia**  
7F737C

# Trichromacy



**Original Color**  
7E7478

**Protanomaly**  
7A7579

**Deuteranomaly**  
807378

**Tritanomaly**  
7F737B

# Monochromacy



**Original Color**  
7E7478

**Achromatopsia**  
777777

**Achromatomaly**  
7A7677

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E7478 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 #7E7478 looks like.

```
.text, #text, p{  
    color:#7E7478  
}
```

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 #7E7478 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E7478  
}
```

## Border

The CSS property to change the border of an element to Hex 7E7478 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".

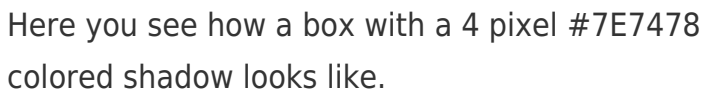
```
.border, #border, table{ border:4px solid  
#7E7478 }
```

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

```
.border{ border-color:#7E7478 }
```

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

Here you see how a box with a 4 pixel #7E7478 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E7478; -webkit-box-shadow:4px 4px  
4px 4px #7E7478; box-shadow:4px 4px 4px  
4px #7E7478 }
```

# Background

The CSS property to change the background color of an element to Hex 7E7478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E7478 }
```

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

```
.background{ background-color:#7E7478 }
```

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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