

# Converting Colors

Hex(7E687A)

Have a look what the booklet for  
Hex(7E687A) contains.

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# Color

**Hex(7E687A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E687A
RGB	126, 104, 122
RGB Percent	49%, 41%, 48%
CMY	0.5059, 0.5922, 0.5216
CMYK	0.00, 0.17, 0.03, 0.51
HSL	311°, 10%, 45%
HSV	311°, 17%, 49%
XYZ	17.0674, 15.7414, 20.5512
YIQ	112.6300, 7.3340, 10.2620

# Conversions

## Conversions Part 2

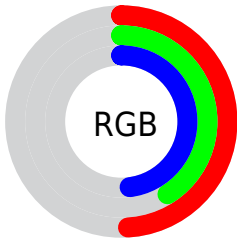
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 104, 122
Decimal	8284282
CIE <sub>Lab</sub>	46.63, 12.11, -6.74
CIE <sub>LCh</sub>	47, 13.860, 330.923
Yxy	15.7414, 0.3199, 0.2950
Android (android.graphics.Color)	4286474362 (0xFF7E687A)
YUV	112.6300, 4.6194, 11.7255
Hunter-Lab	39.6754, 7.3541, -2.9384

# Details

The Hex color **7E687A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **687E6C**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **B39BAE**, and **4D3949** is the 20% darker color. If you saturate the color by 10%, you get **7E5B78**, and if you desaturate by 10%, it is **7E757C**.

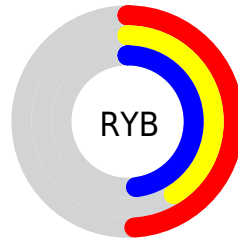
# Distribution



Red (49%)

Green (41%)

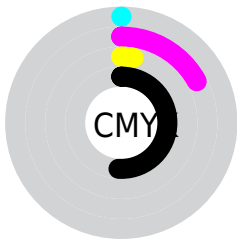
Blue (48%)



Red (49%)

Yellow (41%)

Blue (48%)

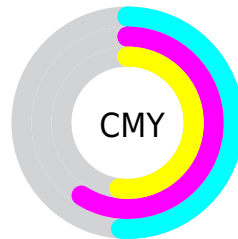


Cyan (0%)

Magenta (17%)

Yellow (3%)

Black (51%)



Cyan (51%)

Magenta (59%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E687A 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 7E687A by changing the saturation by 10% instead.





7E687A



7E687A

FFFFFF



655061



B39BAE



4D3949



CEB6CA



362333



EBD2E6



200F1E



FFEEFF



000002



000000



7E687A



7E687A



7E5B78



7E757C



7E4F75



7E817F

 7E4273

 7E8E81

 7E3671

 7E9A83

 7E296F

 7EA785

 7E1C6C

 7EB488

 7E106A

 7EC08A

 7E0368

 7ECD8C

 7E0067

 7ED98F

# Harmonies

## Analogous

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



716B82



7E687A



86666F

# Triad

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



7E687A



776E57



4F757A

# Complementary

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



7E687A



687E6C

# 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.



53756E



7E687A



6A715A

# Square

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



7E687A



816A5B



5D7463



557382

# Rectangle

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



7E687A



876767



5D7463



4F7576



# Sweetspot

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



7E687A



A39BA2



6C687E



524D51



D1D1D1



525252



# Same Dimension

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



7E687A



A3819D



7E686F



40393F



800068



000000



# Inverse Universe

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



7E687A



A3819D



687E77



40393F



800068



000000



# Previews

## White Background



This preview shows how the Hex color 7E687A looks on a white background.

## Color Contrast Check

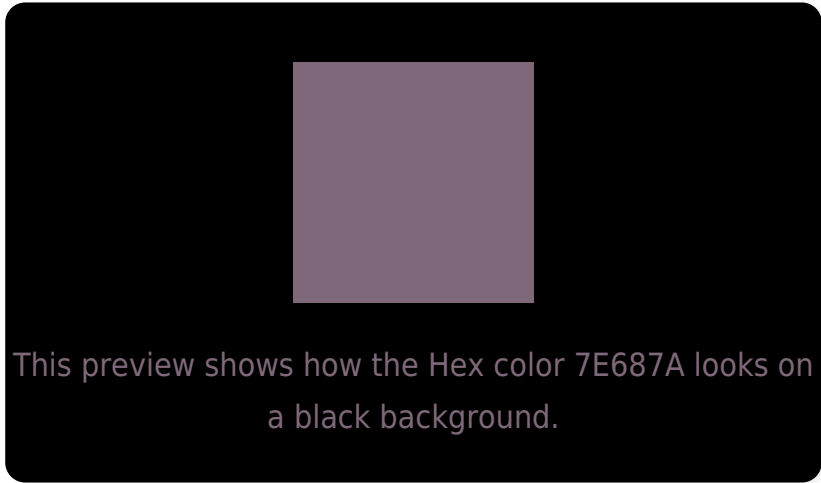
Large Text (above 18pt) WCAG AA ✓ Pass

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

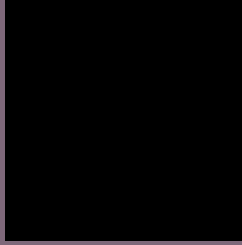
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7E687A Background



This preview shows how black text looks on a background with the Hex color 7E687A.



This preview shows how white text looks on a background with the Hex color 7E687A.

# 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**  
7E687A

**Protanopia**  
6C6E7E

**Deuteranopia**  
746C79



**Tritanopia**  
7D6972

# Trichromacy



**Original Color**  
7E687A

**Protanomaly**  
736C7D

**Deuteranomaly**  
786B79

**Tritanomaly**  
7D6975

# Monochromacy



**Original Color**  
7E687A

**Achromatopsia**  
717171

**Achromatomaly**  
766E74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E687A 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 #7E687A looks like.

```
.text, #text, p{  
    color:#7E687A  
}
```

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 #7E687A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E687A
}
```

## Border

The CSS property to change the border of an element to Hex 7E687A 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
#7E687A }
```

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

```
.border{ border-color:#7E687A }
```

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

Here you see how a box with a 4 pixel #7E687A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E687A; -webkit-box-shadow:4px 4px  
4px 4px #7E687A; box-shadow:4px 4px 4px  
4px #7E687A }
```

# Background

The CSS property to change the background color of an element to Hex 7E687A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E687A }
```

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

```
.background{ background-color:#7E687A }
```

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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