

# Converting Colors

Hex(7A727C)

Have a look what the booklet for  
Hex(7A727C) contains.

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# Color

Hex(7A727C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A727C
RGB	122, 114, 124
RGB Percent	48%, 45%, 49%
CMY	0.5216, 0.5529, 0.5137
CMYK	0.02, 0.08, 0.00, 0.51
HSL	288°, 4%, 47%
HSV	288°, 8%, 49%
XYZ	17.6814, 17.6274, 21.5393
YIQ	117.5320, 1.5580, 4.8060

# Conversions

## Conversions Part 2

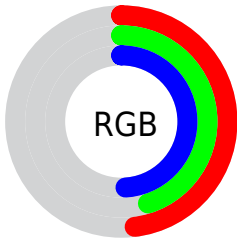
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 114, 124
Decimal	8024700
CIE Lab	49.04, 5.08, -4.39
CIE LCh	49, 6.716, 319.129
Yxy	17.6274, 0.3110, 0.3101
Android (android.graphics.Color)	4286214780 (0xFF7A727C)
YUV	117.5320, 3.1887, 3.9184
Hunter-Lab	41.9850, 1.6991, -1.0276

# Details

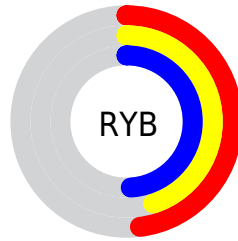
The Hex color **7A727C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **747C72**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **AEA6B0**, and **49424B** is the 20% darker color. If you saturate the color by 10%, you get **78667C**, and if you desaturate by 10%, it is **7C7E7C**.

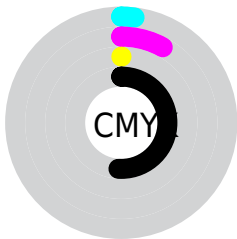
# Distribution



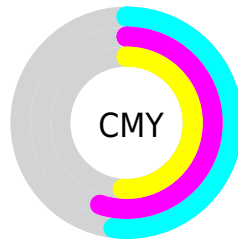
- Red (48%)
- Green (45%)
- Blue (49%)



- Red (48%)
- Yellow (45%)
- Blue (49%)



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (51%)



- Cyan (52%)
- Magenta (55%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A727C 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 7A727C by changing the saturation by 10% instead.



■ 7A727C

■ 7A727C

FFFFFF

■ 615A63

■ AEA6B0

■ 49424B

■ CAC1CC

■ 332C35

■ E6DDE8

■ 1E171F

■ FFF9FF

■ 000007

■ 000000

■ 7A727C

■ 7A727C

■ 78667C

■ 7C7E7C

■ 75597C

■ 7F8B7C

734D7C

81977C

70407C

84A47C

6E347C

86B07C

6B287C

89BC7C

691B7C

8BC97C

660F7C

8ED57C

64027C

90E27C

# Harmonies

## Analogous

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



73747F



7A727C



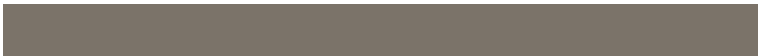
7F7177

# Triad

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



7A727C



7B7369



677878

# Complementary

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



7A727C



747C72

# 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.



697872



7A727C



75756A

# Square

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



7A727C



80726C



6F776D



68777D

# Rectangle

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



7A727C



817173



6F776D



677876



# Sweetspot

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



7A727C



A09DA1



72747C



515052



D1D1D1



525252



# Same Dimension

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



7A727C



9D91A1



7C7279



3C373D



64007D



CA00FC



# Inverse Universe

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



7C7274



A19194



727C75



3D3738



7D0019



FC0032



# Previews

## White Background



This preview shows how the Hex color 7A727C looks on a white background.

## Color Contrast Check

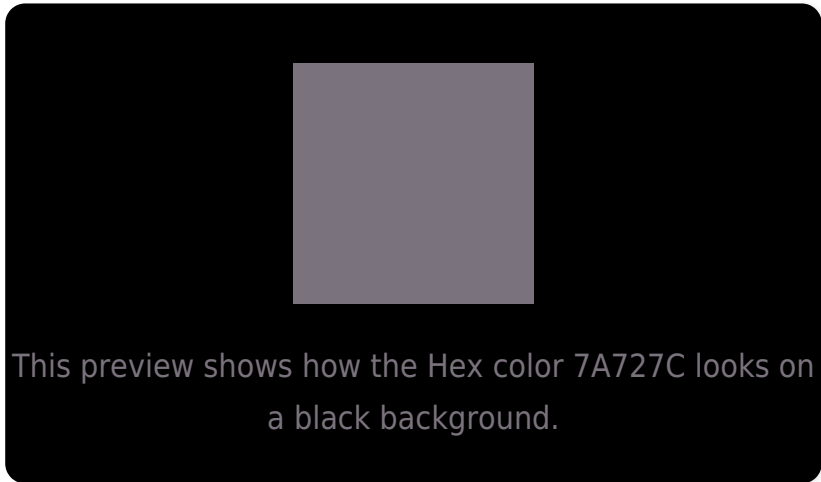
Large Text (above 18pt) WCAG AA ✓ Pass

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

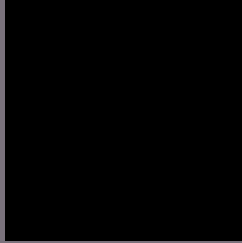
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7A727C Background



This preview shows how black text looks on a background with the Hex color 7A727C.



This preview shows how white text looks on a background with the Hex color 7A727C.

# 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**

7A727C

**Protanopia**

74747D

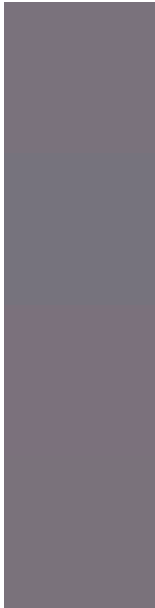
**Deuteranopia**

7C717C



**Tritanopia**  
7A727B

# Trichromacy



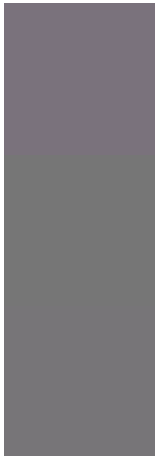
**Original Color**  
7A727C

**Protanomaly**  
76737D

**Deuteranomaly**  
7B717C

**Tritanomaly**  
7A727B

# Monochromacy



**Original Color**  
7A727C

**Achromatopsia**  
767676

**Achromatomaly**  
777578

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A727C 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 #7A727C looks like.

```
.text, #text, p{  
    color:#7A727C  
}
```

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 #7A727C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A727C
}
```

## Border

The CSS property to change the border of an element to Hex 7A727C is called "border". The border property can be set on classes, ids or directly on the HTML element.

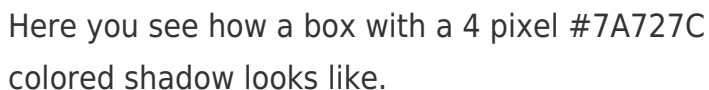
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A727C }
```

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

```
.border{ border-color:#7A727C }
```

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



Here you see how a box with a 4 pixel #7A727C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A727C; -webkit-box-shadow:4px 4px  
4px 4px #7A727C; box-shadow:4px 4px 4px  
4px #7A727C }
```

# Background

The CSS property to change the background color of an element to Hex 7A727C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A727C }
```

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

```
.background{ background-color:#7A727C }
```

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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