

# Converting Colors

Hex(7A717A)

Have a look what the booklet for  
Hex(7A717A) contains.

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# Color

Hex(7A717A)

# Conversions

## Conversions Part 1

Format	Color
Hex	7A717A
RGB	122, 113, 122
RGB Percent	48%, 44%, 48%
CMY	0.5216, 0.5569, 0.5216
CMYK	0.00, 0.07, 0.00, 0.52
HSL	300°, 4%, 46%
HSV	300°, 7%, 48%
XYZ	17.4440, 17.3530, 20.8424
YIQ	116.7170, 2.4750, 4.7070

# Conversions

## Conversions Part 2

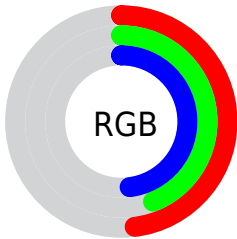
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 113, 122
Decimal	8024442
CIE Lab	48.70, 5.26, -3.71
CIE LCh	49, 6.434, 324.800
Yxy	17.3530, 0.3135, 0.3119
Android (android.graphics.Color)	4286214522 (0xFF7A717A)
YUV	116.7170, 2.6045, 4.6332
Hunter-Lab	41.6569, 1.8481, -0.5050

# Details

The Hex color **7A717A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **717A71**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **AEA5AE**, and **494149** is the 20% darker color. If you saturate the color by 10%, you get **7A657A**, and if you desaturate by 10%, it is **7A7D7A**.

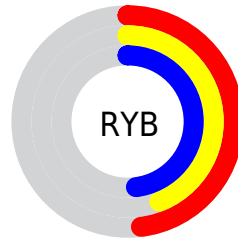
# Distribution



Red (48%)

Green (44%)

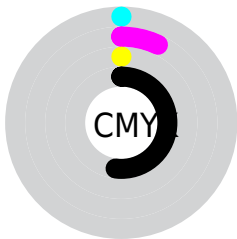
Blue (48%)



Red (48%)

Yellow (44%)

Blue (48%)

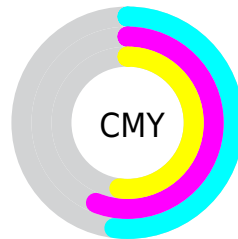


Cyan (0%)

Magenta (7%)

Yellow (0%)

Black (52%)



Cyan (52%)

Magenta (56%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A717A 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 7A717A by changing the saturation by 10% instead.





7A717A



7A717A

FFFFFF



615961



AEA5AE



494149



CAC0CA



332B33



E6DCE6



1E171E



FFF8FF



000004



000000



7A717A



7A717A



7A657A



7A7D7A



7A597A



7A897A

 7A4C7A

 7A967A

 7A407A

 7AA27A

 7A347A

 7AAE7A

 7A287A

 7ABA7A

 7A1C7A

 7AC67A

 7A0F7A

 7AD37A

 7A037A

 7ADF7A

# Harmonies

## Analogous

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



74737D



7A717A



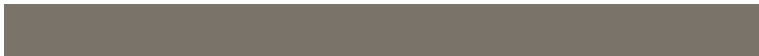
7E7075

# Triad

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



7A717A



797369



667778

# Complementary

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



7A717A



717A71

# 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.



687772



7A717A



73756A

# Square

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



7A717A



7E716B



6D766D



68767C

# Rectangle

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



7A717A



807071



6D766D



677776



# Sweetspot

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



7A717A



9E9B9E



71717A



4F4D4F



CFCFCF



4F4F4F



# Same Dimension

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



7A717A



9E909E



7A7176



3D373D



7D007D



FC00FC



# Inverse Universe

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



7A717A



9E909E



717A76



3D373D



7D007D



FC00FC



# Previews

## White Background



This preview shows how the Hex color 7A717A looks on a white background.

## Color Contrast Check

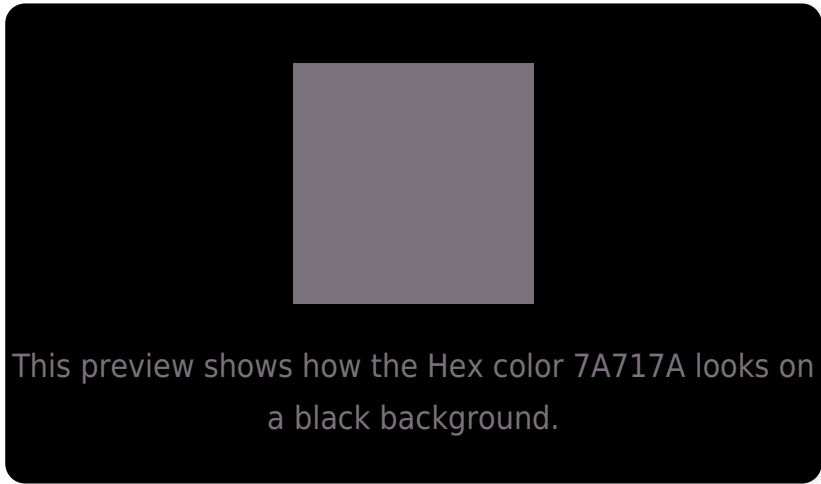
Large Text (above 18pt) WCAG AA ✓ Pass

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

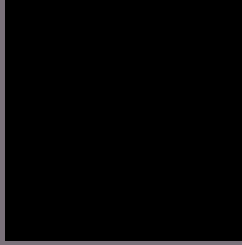
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A717A Background



This preview shows how black text looks on a background with the Hex color 7A717A.



This preview shows how white text looks on a background with the Hex color 7A717A.

# 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](#).

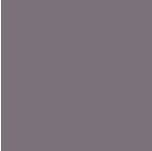
## Dichromacy



**Original Color**  
7A717A

**Protanopia**  
74737B

**Deuteranopia**  
7C707A



**Tritanopia**  
7A717A

# Trichromacy



**Original Color**

7A717A

**Protanomaly**

76727B

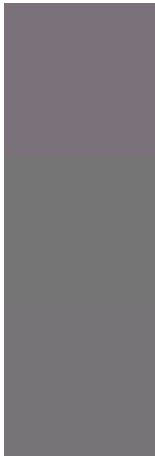
**Deuteranomaly**

7B707A

**Tritanomaly**

7A717A

# Monochromacy



**Original Color**

7A717A

**Achromatopsia**

757575

**Achromatomaly**

777477

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A717A 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 #7A717A looks like.

```
.text, #text, p{  
    color:#7A717A  
}
```

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 #7A717A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A717A
}
```

## Border

The CSS property to change the border of an element to Hex 7A717A is called "border". The border property can be set on classes, ids or directly on the HTML element.

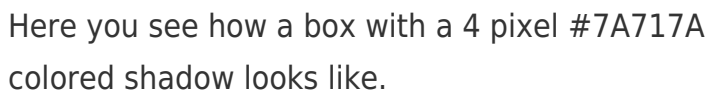
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A717A }
```

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

```
.border{ border-color:#7A717A }
```

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



Here you see how a box with a 4 pixel #7A717A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A717A; -webkit-box-shadow:4px 4px  
4px 4px #7A717A; box-shadow:4px 4px 4px  
4px #7A717A }
```

# Background

The CSS property to change the background color of an element to Hex 7A717A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A717A }
```

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

```
.background{ background-color:#7A717A }
```

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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