

# Converting Colors

Hex(717A76)

Have a look what the booklet for  
Hex(717A76) contains.

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# Color

Hex(717A76)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	717A76
RGB	113, 122, 118
RGB Percent	44%, 48%, 46%
CMY	0.5569, 0.5216, 0.5373
CMYK	0.07, 0.00, 0.03, 0.52
HSL	153°, 4%, 46%
HSV	153°, 7%, 48%
XYZ	17.0396, 18.7378, 19.8582
YIQ	118.8530, -4.0800, -3.1520

# Conversions

## Conversions Part 2

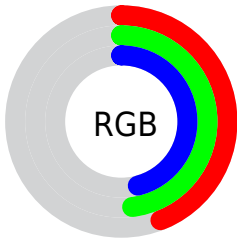
<b>Format</b>	<b>Color</b>
<b>RYB</b>	113, 119, 122
Decimal	7436918
CIELab	50.38, -4.18, 1.03
CIElCh	50, 4.309, 166.219
Yxy	18.7378, 0.3063, 0.3368
Android (android.graphics.Color)	4285626998 (0xFF717A76)
YUV	118.8530, -0.4205, -5.1331
Hunter-Lab	43.2872, -5.4876, 3.1014

# Details

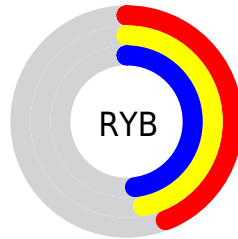
The Hex color **717A76** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A7175**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **A5AEAA**, and **414946** is the 20% darker color. If you saturate the color by 10%, you get **657A71**, and if you desaturate by 10%, it is **7D7A7B**.

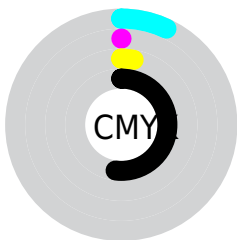
# Distribution



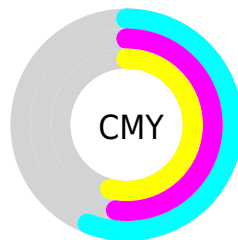
- Red (44%)
- Green (48%)
- Blue (46%)



- Red (44%)
- Yellow (47%)
- Blue (48%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (52%)



- Cyan (56%)
- Magenta (52%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 717A76 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 717A76 by changing the saturation by 10% instead.



717A76

717A76

FFFFFF

59615D

A5AEAA

414946

C0CAC5

2B3330

DCE6E1

171E1B

F8FFFE

000300

000000

717A76

717A76

657A71

7D7A7B

597A6B

897A81

■ 4C7A66

■ 967A86

■ 407A60

■ A27A8C

■ 347A5B

■ AE7A91

■ 287A55

■ BA7A97

■ 1C7A50

■ C67A9C

■ 0F7A4B

■ D37AA1

■ 037A45

■ DF7AA7

# Harmonies

## Analogous

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



757973



717A76



6F7A7A

# Triad

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



717A76



77787F



7F7673

# Complementary

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



717A76



7A7175

# 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.



807676



717A76



7B767D

# Square

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



717A76



72797F



7E767A



7D7771

# Rectangle

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



717A76



6F7A7C



7E767A



807674



# Sweetspot

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



717A76



9B9E9D



757A71



4D4F4E



CFCFCF



4F4F4F



# Same Dimension

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



717A76



909E98



717A7A



373D3A



007D45



00FC8C



# Inverse Universe

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



7A7175



9E9096



7A7171



3D373A



7D0038



FC0070



# Previews

## White Background



This preview shows how the Hex color 717A76 looks on a white background.

## Color Contrast Check

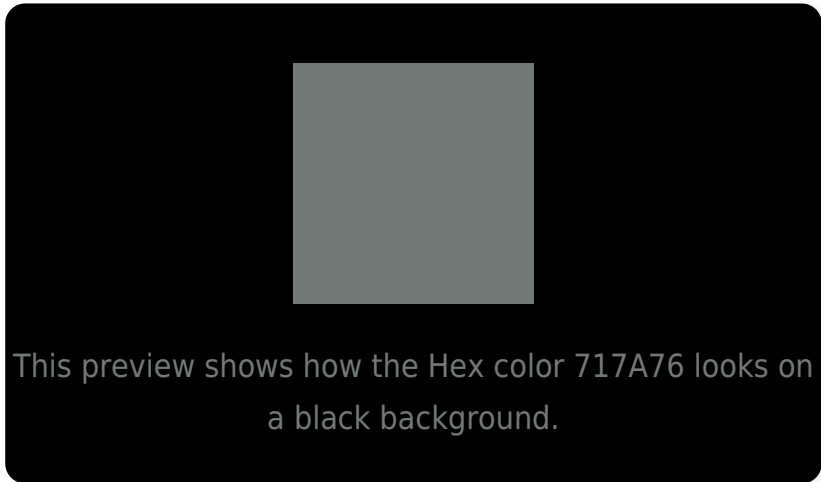
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

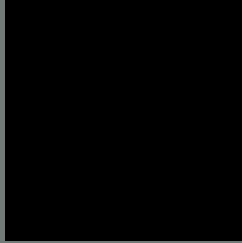
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

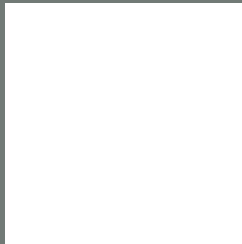
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 717A76 Background



This preview shows how black text looks on a background with the Hex color 717A76.



This preview shows how white text looks on a background with the Hex color 717A76.

# 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**  
717A76

**Protanopia**  
7B7774

**Deuteranopia**  
837477



**Tritanopia**  
737882

# Trichromacy



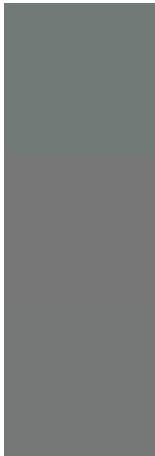
**Original Color**  
717A76

**Protanomaly**  
777875

**Deuteranomaly**  
7C7677

**Tritanomaly**  
72797E

# Monochromacy



**Original Color**  
717A76

**Achromatopsia**  
777777

**Achromatomaly**  
757877

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 717A76 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 #717A76 looks like.

```
.text, #text, p{  
    color:#717A76  
}
```

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 #717A76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #717A76
}
```

## Border

The CSS property to change the border of an element to Hex 717A76 is called "border". The border property can be set on classes, ids or directly on the HTML element.

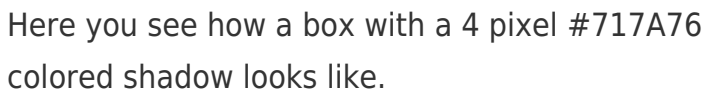
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#717A76 }
```

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

```
.border{ border-color:#717A76 }
```

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



Here you see how a box with a 4 pixel #717A76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #717A76; -webkit-box-shadow:4px 4px  
4px 4px #717A76; box-shadow:4px 4px 4px  
4px #717A76 }
```

# Background

The CSS property to change the background color of an element to Hex 717A76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#717A76 }
```

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

```
.background{ background-color:#717A76 }
```

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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