

# Converting Colors

Hex(717A6D)

Have a look what the booklet for  
Hex(717A6D) contains.

<b>Hex(717A6D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(717A6D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	717A6D
RGB	113, 122, 109
RGB Percent	44%, 48%, 43%
CMY	0.5569, 0.5216, 0.5725
CMYK	0.07, 0.00, 0.11, 0.52
HSL	102°, 6%, 45%
HSV	102°, 11%, 48%
XYZ	16.5299, 18.5339, 17.1742
YIQ	117.8270, -1.1910, -5.9510

# Conversions

## Conversions Part 2

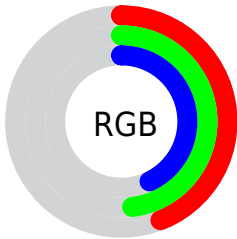
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 122, 118
Decimal	7436909
CIE Lab	50.14, -5.98, 5.97
CIE LCh	50, 8.451, 135.067
Yxy	18.5339, 0.3164, 0.3548
Android (android.graphics.Color)	4285626989 (0xFF717A6D)
YUV	117.8270, -4.3517, -4.2333
Hunter-Lab	43.0510, -6.8023, 6.4834

# Details

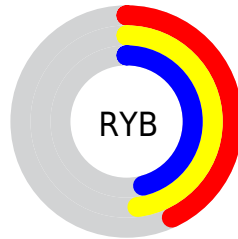
The Hex color **717A6D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **766D7A**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **A5AEA0**, and **41493E** is the 20% darker color. If you saturate the color by 10%, you get **697A61**, and if you desaturate by 10%, it is **797A79**.

# Distribution



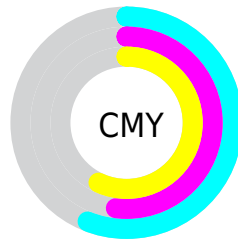
- Red (44%)
- Green (48%)
- Blue (43%)



- Red (43%)
- Yellow (48%)
- Blue (46%)



- Cyan (7%)
- Magenta (0%)
- Yellow (11%)
- Black (52%)




- Cyan (56%)
- Magenta (52%)
- Yellow (57%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 717A6D 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 717A6D by changing the saturation by 10% instead.



 717A6D

 717A6D

FFFFFF

 596155

 A5AEA0

 41493E

 C0CABB

 2B3328

 DCE6D7


 171E13

 F8FFF4

 000100

 000000

 717A6D

 717A6D

 697A61

 797A79

 607A55

 827A85

■ 587A48

■ 8A7A92

■ 4F7A3C

■ 937A9E

■ 477A30

■ 9B7AAA

■ 3E7A24

■ A47AB6

■ 367A18

■ AC7AC2

■ 2D7A0B

■ B57ACF

■ 267A00

■ BD7ADB

# Harmonies

## Analogous

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



797869



717A6D



6A7B73

# Triad

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



717A6D



6C7985



877274

# Complementary

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



717A6D



766D7A

# 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.



84737B



717A6D



747785

# Square

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



717A6D



667B81



7D7481



86746D

# Rectangle

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



717A6D



677C78



7D7481



867276



# Sweetspot

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



717A6D



9B9E99



7A766D



4D4F4C



CFCFCF



4F4F4F



# Same Dimension

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



717A6D



909E8A



6D7A6F



393D37



267D00



4EFC00



# Inverse Universe

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



766D7A



988A9E



7A6D78



3B373D



57007D



AF00FC



# Previews

## White Background



This preview shows how the Hex color 717A6D looks on a white background.

## Color Contrast Check

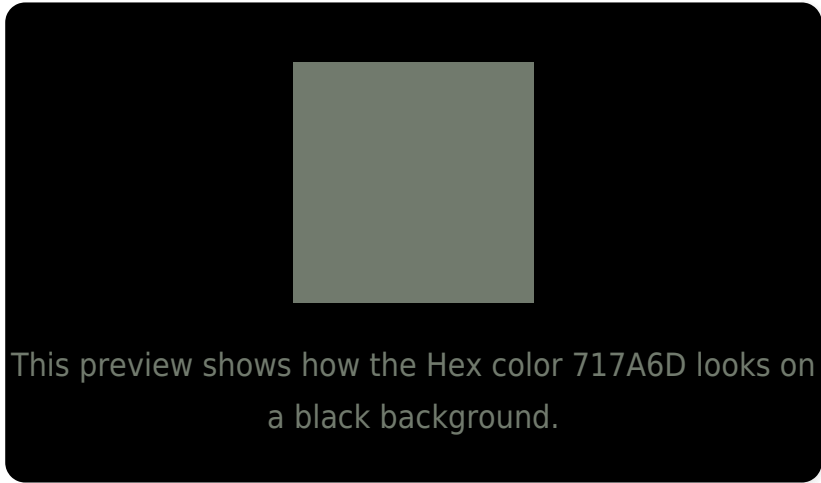
Large Text (above 18pt) WCAG AA ✓ Pass

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

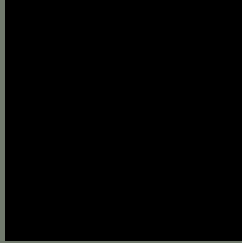
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

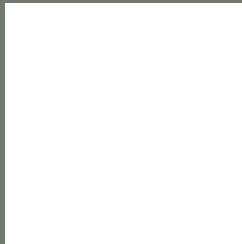
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 717A6D Background



This preview shows how black text looks on a background with the Hex color 717A6D.



This preview shows how white text looks on a background with the Hex color 717A6D.

# 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**  
717A6D

**Protanopia**  
7C776B

**Deuteranopia**  
86736E



**Tritanopia**  
747781

# Trichromacy



**Original Color**

717A6D

**Protanomaly**

78786C

**Deuteranomaly**

7E766E

**Tritanomaly**

73787A

# Monochromacy



**Original Color**

717A6D

**Achromatopsia**

767676

**Achromatomaly**

747773

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 717A6D 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 #717A6D looks like.

```
.text, #text, p{  
    color:#717A6D  
}
```

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 #717A6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #717A6D
}
```

## Border

The CSS property to change the border of an element to Hex 717A6D is called "border". The border property can be set on classes, ids or directly on the HTML element.

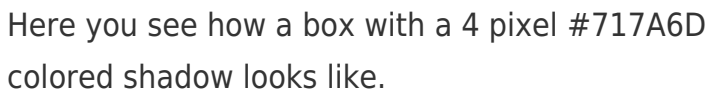
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#717A6D }
```

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

```
.border{ border-color:#717A6D }
```

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



Here you see how a box with a 4 pixel #717A6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #717A6D; -webkit-box-shadow:4px 4px  
4px 4px #717A6D; box-shadow:4px 4px 4px  
4px #717A6D }
```

# Background

The CSS property to change the background color of an element to Hex 717A6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#717A6D }
```

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

```
.background{ background-color:#717A6D }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor