

Converting Colors

Hex(717C7F)

Have a look what the booklet for
Hex(717C7F) contains.

Hex(717C7F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(717C7F)

Conversions

Conversions Part 1

Format	Color
Hex	717C7F
RGB	113, 124, 127
RGB Percent	44%, 49%, 50%
CMY	0.5569, 0.5137, 0.5020
CMYK	0.11, 0.02, 0.00, 0.50
HSL	193°, 6%, 47%
HSV	193°, 11%, 50%
XYZ	17.8485, 19.4583, 22.8938
YIQ	121.0530, -7.5190, -1.3990

Conversions

Conversions Part 2

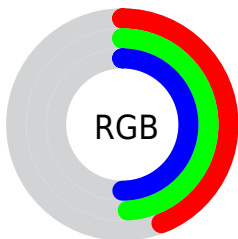
Format	Color
RYB	113, 119, 127
Decimal	7437439
CIELab	51.22, -3.41, -3.03
CIElCh	51, 4.566, 221.613
Yxy	19.4583, 0.2965, 0.3232
Android (android.graphics.Color)	4285627519 (0xFF717C7F)
YUV	121.0530, 2.9319, -7.0625
Hunter-Lab	44.1116, -4.9704, 0.1068

Details

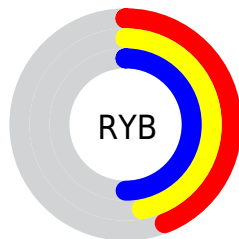
The Hex color **717C7F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7F7471**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **A5B0B4**, and **414B4E** is the 20% darker color. If you saturate the color by 10%, you get **64797F**, and if you desaturate by 10%, it is **7E7F7F**.

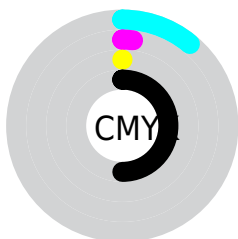
Distribution



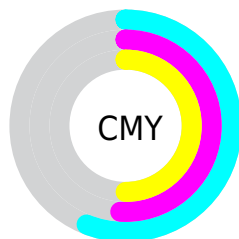
- Red (44%)
- Green (49%)
- Blue (50%)



- Red (44%)
- Yellow (47%)
- Blue (50%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (50%)



- Cyan (56%)
- Magenta (51%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 717C7F 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 717C7F by changing the saturation by 10% instead.

■ 717C7F

■ 717C7F

FFFFFF

■ 586366

■ A5B0B4

■ 414B4E

■ C0CCCF

■ 2B3537

■ DCE8EB

■ 161F22

■ F8FFFF

■ 00070C

■ 000000

■ 717C7F

■ 717C7F

■ 64797F

■ 7E7F7F

■ 58777F

■ 8A817F

4B747F

97847F

3E717F

A4877F

316E7F

B18A7F

256C7F

BD8C7F

18697F

CA8F7F

0B667F

D7927F

00647F

E3947F

Harmonies

Analogous

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



717C7B



717C7F



747B81

Triad

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



717C7F



81787D



7C7A72

Complementary

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



717C7F



7F7471

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.



807973



717C7F



837779

Square

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



717C7F



7D7980



827875



777B74

Rectangle

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



717C7F



767A82



827875



7D7A72

Sweetspot

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



717C7F



A1A5A6



717F74



515354



D4D4D4



545454

Same Dimension

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



717C7F



90A1A6



71757F



393E40



006480



000000

Inverse Universe

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



7F717C



A690A1



7F7B71



40393E



800064



000000

Previews

White Background



This preview shows how the Hex color 717C7F looks on a white background.

Color Contrast Check

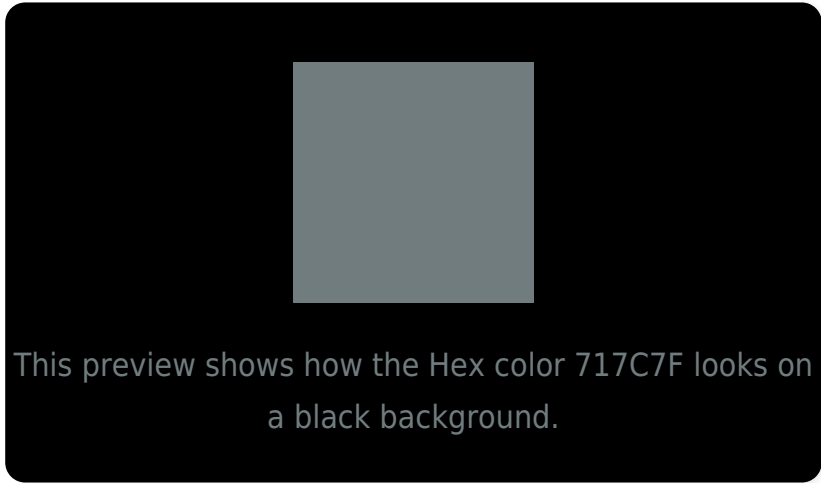
Large Text (above 18pt) WCAG AA ✓ Pass

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

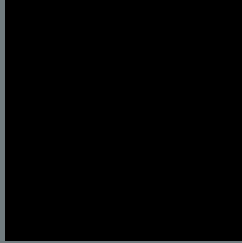
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

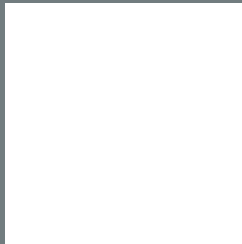
Any Text WCAG AAA × Fail

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

Hex 717C7F Background



This preview shows how black text looks on a background with the Hex color 717C7F.



This preview shows how white text looks on a background with the Hex color 717C7F.

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
717C7F

Protanopia
7B797D

Deuteranopia
837680



Tritanopia
727B85

Trichromacy



Original Color
717C7F

Protanomaly
777A7E

Deuteranomaly
7C7880

Tritanomaly
727B83

Monochromacy



Original Color
717C7F

Achromatopsia
797979

Achromatomaly
767A7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 717C7F 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 #717C7F looks like.

```
.text, #text, p{  
    color:#717C7F  
}
```

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 #717C7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #717C7F
}
```

Border

The CSS property to change the border of an element to Hex 717C7F is called "border". The border property can be set on classes, ids or directly on the HTML element.

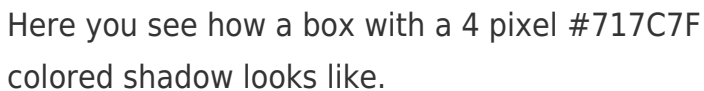
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#717C7F }
```

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

```
.border{ border-color:#717C7F }
```

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



Here you see how a box with a 4 pixel `#717C7F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #717C7F; -webkit-box-shadow:4px 4px  
4px 4px #717C7F; box-shadow:4px 4px 4px  
4px #717C7F }
```

Background

The CSS property to change the background color of an element to Hex 717C7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#717C7F }
```

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

```
.background{ background-color:#717C7F }
```

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