

Converting Colors

Hex(00717C)

Have a look what the booklet for
Hex(00717C) contains.

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Color

Hex(00717C)

Conversions

Conversions Part 1

Format	Color
Hex	00717C
RGB	0, 113, 124
RGB Percent	0%, 44%, 49%
CMY	1.0000, 0.5569, 0.5137
CMYK	1.00, 0.09, 0.00, 0.51
HSL	185°, 100%, 24%
HSV	185°, 100%, 49%
XYZ	9.5432, 13.2655, 21.1263
YIQ	80.4670, -70.8790, -20.5350

Conversions

Conversions Part 2

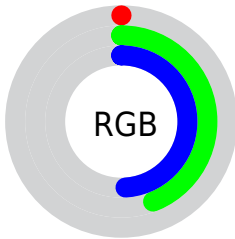
Format	Color
RYB	0, 59, 124
Decimal	29052
CIELab	43.16, -22.61, -13.78
CIELCh	43, 26.480, 211.368
Yxy	13.2655, 0.2172, 0.3019
Android (android.graphics.Color)	4278219132 (0xFF00717C)
YUV	80.4670, 21.4618, -70.5696
Hunter-Lab	36.4218, -16.9678, -8.8956

Details

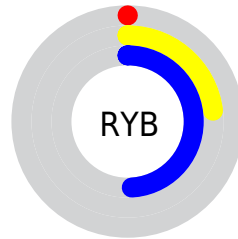
The Hex color **00717C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7C0B00**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **4FA5B1**, and **00414B** is the 20% darker color. If you saturate the color by 10%, you get **00717C**, and if you desaturate by 10%, it is **0C727C**.

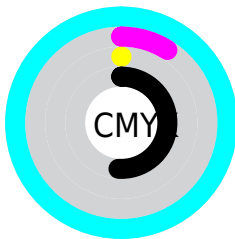
Distribution



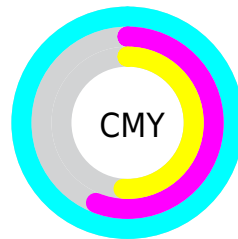
- Red (0%)
- Green (44%)
- Blue (49%)



- Red (0%)
- Yellow (23%)
- Blue (49%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (56%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00717C 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 00717C by changing the saturation by 10% instead.

 00717C

 00717C

FFFFFF

 005863

 4FA5B1

 00414B

 6CC0CC

 002A35

 88DCE8

 00141F

 A5F9FF

 000005

 C1FFFF

 000000

 DFFFFFF

 FFFFFFF

 00717C

 0C727C

 19737C

 25747C

 32757C

 3E767C

 4A787C

 57797C

 637A7C

 707B7C

Harmonies

Analogous

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



237266



00717C



1F6E8C

Triad

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



00717C



82587B



73653A

Complementary

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



00717C



7C0B00

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.



855D40



00717C



8F5566

Square

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



00717C



6A608B



8F5750



5C6B40

Rectangle

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



00717C



3A6A91



8F5750



7A623A

Sweetspot

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



00717C



709CA1



007C0A



344F52



D1D1D1



525252

Same Dimension

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



00717C



0092A1



00347C



373D3D



00727D



00E6FC

Inverse Universe

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



7C0071



A10092



7C4800



3D373D



7D0072



FC00E6

Previews

White Background



This preview shows how the Hex color 00717C looks on a white background.

Color Contrast Check

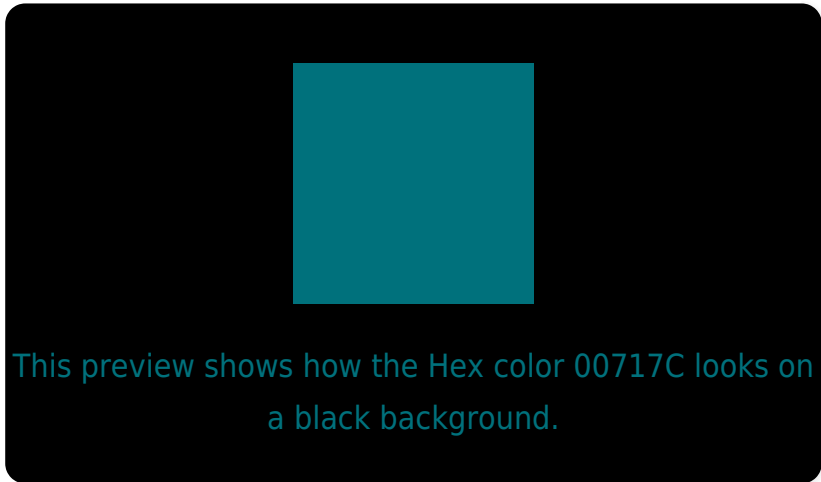
Large Text (above 18pt) WCAG AA ✓ Pass

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

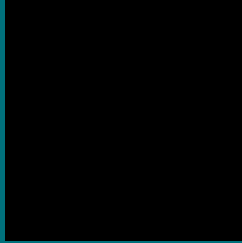
Any Text WCAG AA × Fail

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 00717C Background



This preview shows how black text looks on a background with the Hex color 00717C.

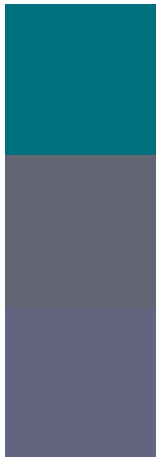


This preview shows how white text looks on a background with the Hex color 00717C.

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
00717C

Protanopia
636574

Deuteranopia
63647F



Tritanopia
00717A

Trichromacy



Original Color
00717C

Protanomaly
3F6977

Deuteranomaly
3F697E

Tritanomaly
00717B

Monochromacy



Original Color
00717C

Achromatopsia
505050

Achromatomaly
335C60

CSS Examples

Text

The CSS property to change the color of the text to Hex 00717C 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 #00717C looks like.

```
.text, #text, p{  
    color:#00717C  
}
```

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 #00717C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00717C
}
```

Border

The CSS property to change the border of an element to Hex 00717C is called "border". The border property can be set on classes, ids or directly on the HTML element.

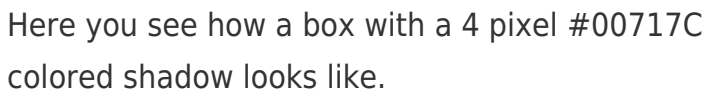
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00717C }
```

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

```
.border{ border-color:#00717C }
```

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



Here you see how a box with a 4 pixel #00717C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00717C; -webkit-box-shadow:4px 4px  
4px 4px #00717C; box-shadow:4px 4px 4px  
4px #00717C }
```

Background

The CSS property to change the background color of an element to Hex 00717C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00717C }
```

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

```
.background{ background-color:#00717C }
```

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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