

Converting Colors

Hex(01717E)

Have a look what the booklet for
Hex(01717E) contains.

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Color

Hex(01717E)

Conversions

Conversions Part 1

Format	Color
Hex	01717E
RGB	1, 113, 126
RGB Percent	0%, 44%, 49%
CMY	0.9961, 0.5569, 0.5059
CMYK	0.99, 0.10, 0.00, 0.51
HSL	186°, 98%, 25%
HSV	186°, 99%, 49%
XYZ	9.6835, 13.3231, 21.7999
YIQ	80.9940, -70.9250, -19.7010

Conversions

Conversions Part 2

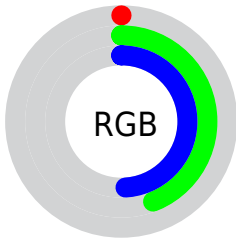
Format	Color
RYB	1, 60, 126
Decimal	94590
CIELab	43.25, -21.84, -14.85
CIELCh	43, 26.417, 214.215
Yxy	13.3231, 0.2161, 0.2973
Android (android.graphics.Color)	4278284670 (0xFF01717E)
YUV	80.9940, 22.1880, -70.1547
Hunter-Lab	36.5008, -16.5209, -9.8601

Details

The Hex color **01717E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7E0E01**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **50A5B3**, and **00414D** is the 20% darker color. If you saturate the color by 10%, you get **00717E**, and if you desaturate by 10%, it is **0E727E**.

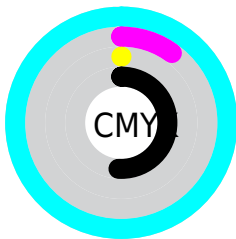
Distribution



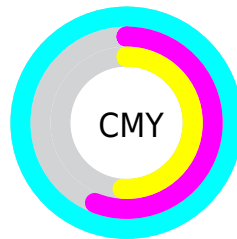
- Red (0%)
- Green (44%)
- Blue (49%)



- Red (0%)
- Yellow (24%)
- Blue (49%)



- Cyan (99%)
- Magenta (10%)
- Yellow (0%)
- Black (51%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 01717E 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 01717E by changing the saturation by 10% instead.

01717E

01717E

FFFFFF

005865

50A5B3

00414D

6CC0CE

002A36

89DCEA

001521

A5F9FF

000008

C2FFFF

000000

DFFFFFF

FDFFFF

01717E

01717E

■ 00717E

■ 0E727E

■ 1A747E

■ 27757E

■ 33767E

■ 40787E

■ 4D797E

■ 597A7E

■ 667B7E

■ 727D7E

Harmonies

Analogous

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



207269



01717E



236D8D

Triad

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



01717E



84587A



72663A

Complementary

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



01717E



7E0E01

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.



845E3F



01717E



905564

Square

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



01717E



6D5F8A



8F584F



5A6C41

Rectangle

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



01717E



3F6A91



8F584F



78633A

Sweetspot

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



01717E



729EA3



017E0D



344F52



D1D1D1



525252

Same Dimension

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



01717E



0092A3



01337E



393F40



007280



000000

Inverse Universe

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



7E0171



A30092



7E4C01



40393F



800072



000000

Previews

White Background



This preview shows how the Hex color 01717E looks on a white background.

Color Contrast Check

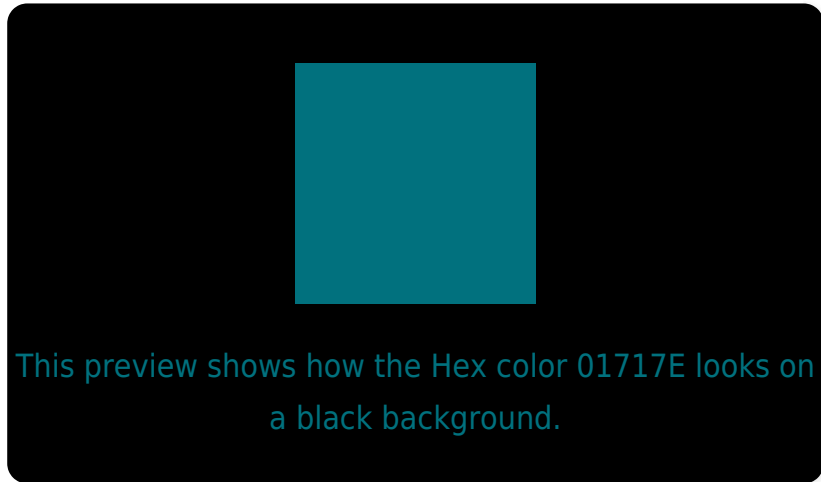
Large Text (above 18pt) WCAG AA ✓ Pass

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

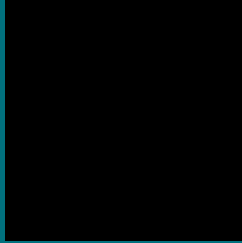
Any Text WCAG AA × Fail

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 01717E Background



This preview shows how black text looks on a background with the Hex color 01717E.

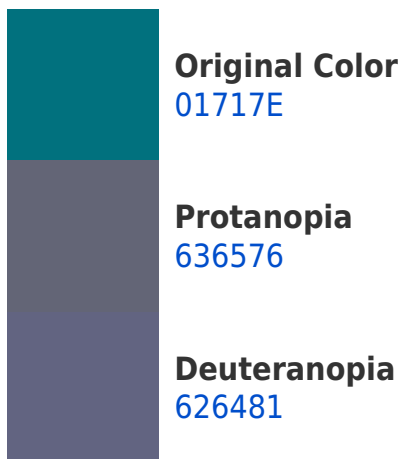


This preview shows how white text looks on a background with the Hex color 01717E.

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](#).

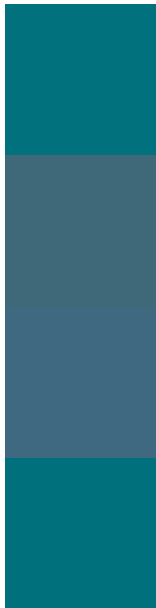
Dichromacy





Tritanopia
00717B

Trichromacy



Original Color
01717E

Protanomaly
3F6979

Deuteranomaly
3F6980

Tritanomaly
00717C

Monochromacy



Original Color
01717E

Achromatopsia
515151

Achromatomaly
345D61

CSS Examples

Text

The CSS property to change the color of the text to Hex 01717E 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 #01717E looks like.

```
.text, #text, p{  
    color:#01717E  
}
```

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 #01717E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01717E
}
```

Border

The CSS property to change the border of an element to Hex 01717E 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
#01717E }
```

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

```
.border{ border-color:#01717E }
```

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

Here you see how a box with a 4 pixel #01717E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01717E; -webkit-box-shadow:4px 4px  
4px 4px #01717E; box-shadow:4px 4px 4px  
4px #01717E }
```

Background

The CSS property to change the background color of an element to Hex 01717E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01717E }
```

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

```
.background{ background-color:#01717E }
```

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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