

Converting Colors

Hex(0A717F)

Have a look what the booklet for
Hex(0A717F) contains.

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Color

Hex(0A717F)

Conversions

Conversions Part 1

Format	Color
Hex	0A717F
RGB	10, 113, 127
RGB Percent	4%, 44%, 50%
CMY	0.9608, 0.5569, 0.5020
CMYK	0.92, 0.11, 0.00, 0.50
HSL	187°, 85%, 27%
HSV	187°, 92%, 50%
XYZ	9.8611, 13.4071, 22.1468
YIQ	83.7990, -65.8820, -17.4820

Conversions

Conversions Part 2

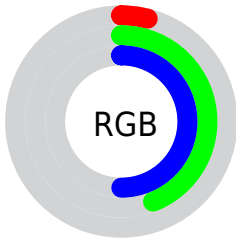
Format	Color
RYB	10, 65, 127
Decimal	684415
CIELab	43.37, -20.96, -15.26
CIELCh	43, 25.927, 216.049
Yxy	13.4071, 0.2171, 0.2952
Android (android.graphics.Color)	4278874495 (0xFF0A717F)
YUV	83.7990, 21.2981, -64.7217
Hunter-Lab	36.6157, -16.0052, -10.2302

Details

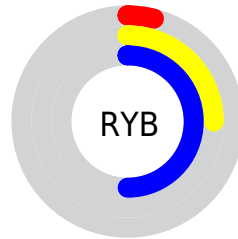
The Hex color **0A717F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7F180A**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **52A5B4**, and **00414E** is the 20% darker color. If you saturate the color by 10%, you get **00707F**, and if you desaturate by 10%, it is **17737F**.

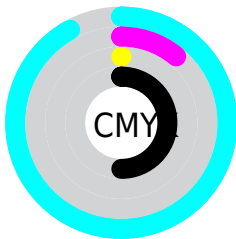
Distribution



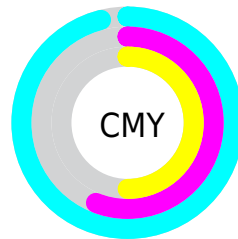
- Red (4%)
- Green (44%)
- Blue (50%)



- Red (4%)
- Yellow (25%)
- Blue (50%)



- Cyan (92%)
- Magenta (11%)
- Yellow (0%)
- Black (50%)



- Cyan (96%)
- Magenta (56%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A717F 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 0A717F by changing the saturation by 10% instead.

 0A717F

 0A717F

FFFFFF

 005866

 52A5B4

 00414E

 6FC0CF

 002A37

 8BDCEC

 001522

 A8F9FF

 000009

 C4FFFF

 000000

 E2FFFF

 0A717F

 0A717F

 00707F

 17737F

■ 23747F

■ 30767F

■ 3D777F

■ 4A797F

■ 567A7F

■ 637C7F

■ 707D7F

■ 7C7F7F

Harmonies

Analogous

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



21726A



0A717F



296D8D

Triad

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



0A717F



855878



70673B

Complementary

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



0A717F



7F180A

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.



835F40



0A717F



905663

Square

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



0A717F



6F5F89



8E594E



596D43

Rectangle

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



0A717F



426991



8E594E



77643B

Sweetspot

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



0A717F



77A0A6



0A7F18



385154



D4D4D4



545454

Same Dimension

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



0A717F



0092A6



0A377F



393F40



007080



000000

Inverse Universe

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



7F0A71



A60092



7F520A



40393F



800070



000000

Previews

White Background



This preview shows how the Hex color 0A717F looks on a white background.

Color Contrast Check

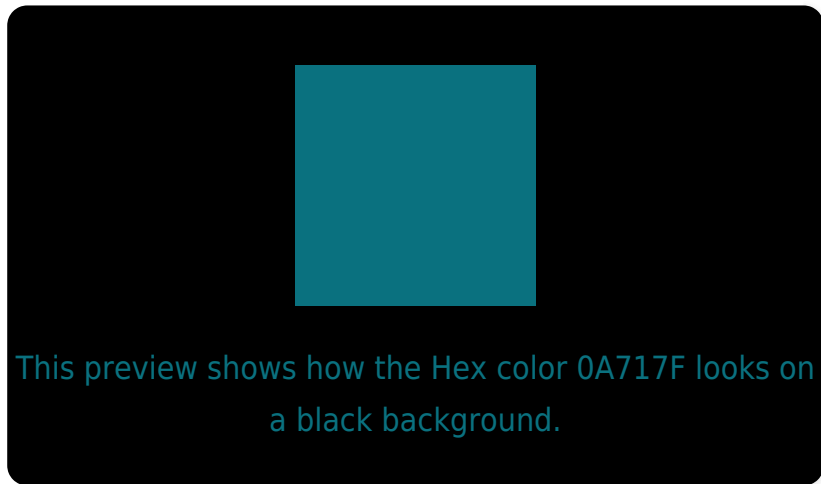
Large Text (above 18pt) WCAG AA ✓ Pass

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

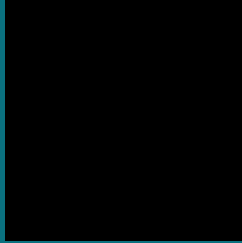
Any Text WCAG AA × Fail

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 0A717F Background



This preview shows how black text looks on a background with the Hex color 0A717F.

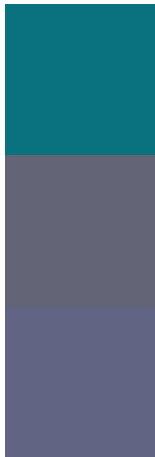


This preview shows how white text looks on a background with the Hex color 0A717F.

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
0A717F

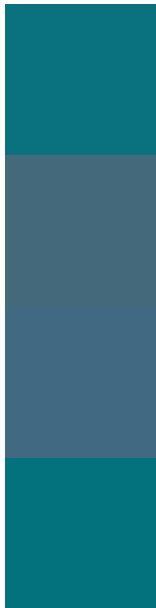
Protanopia
636577

Deuteranopia
616482



Tritanopia
00727B

Trichromacy



Original Color
0A717F

Protanomaly
43697A

Deuteranomaly
416981

Tritanomaly
04727C

Monochromacy



Original Color
0A717F

Achromatopsia
545454

Achromatomaly
395F64

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A717F 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 #0A717F looks like.

```
.text, #text, p{  
  color:#0A717F  
}
```

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 #0A717F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A717F
}
```

Border

The CSS property to change the border of an element to Hex 0A717F 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
#0A717F }
```

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

```
.border{ border-color:#0A717F }
```

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

Here you see how a box with a 4 pixel #0A717F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A717F; -webkit-box-shadow:4px 4px  
4px 4px #0A717F; box-shadow:4px 4px 4px  
4px #0A717F }
```

Background

The CSS property to change the background color of an element to Hex 0A717F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A717F }
```

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

```
.background{ background-color:#0A717F }
```

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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