

Converting Colors

Hex(00757C)

Have a look what the booklet for
Hex(00757C) contains.

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Color

Hex(00757C)

Conversions

Conversions Part 1

Format	Color
Hex	00757C
RGB	0, 117, 124
RGB Percent	0%, 46%, 49%
CMY	1.0000, 0.5412, 0.5137
CMYK	1.00, 0.06, 0.00, 0.51
HSL	183°, 100%, 24%
HSV	183°, 100%, 49%
XYZ	9.9994, 14.1778, 21.2784
YIQ	82.8150, -71.9790, -22.6270

Conversions

Conversions Part 2

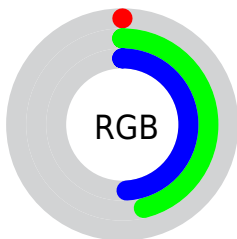
Format	Color
RYB	0, 60, 124
Decimal	30076
CIELab	44.49, -24.68, -11.77
CIELCh	44, 27.346, 205.503
Yxy	14.1778, 0.2200, 0.3119
Android (android.graphics.Color)	4278220156 (0xFF00757C)
YUV	82.8150, 20.3042, -72.6288
Hunter-Lab	37.6534, -18.4904, -7.1480

Details

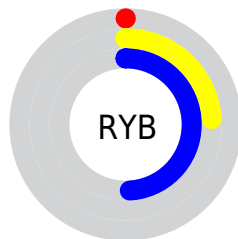
The Hex color **00757C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7C0700**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **50A9B0**, and **00444B** is the 20% darker color. If you saturate the color by 10%, you get **00757C**, and if you desaturate by 10%, it is **0C767C**.

Distribution



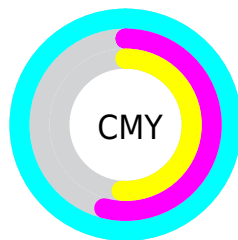
- Red (0%)
- Green (46%)
- Blue (49%)



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



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (54%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00757C 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 00757C by changing the saturation by 10% instead.

00757C

00757C

FFFFFF

005C63

50A9B0

00444B

6DC5CC

002D35

89E1E8

00191F

A6FEFF

000006

C2FFFF

000000

E0FFFF

FDFFFF

00757C

 0C767C

 19767C

 25777C

 32787C

 3E787C

 4A797C

 577A7C

 637B7C

 707B7C

Harmonies

Analogous

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



2A7565



00757C



14728E

Triad

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



00757C



835C83



7B673C

Complementary

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



00757C



7C0700

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.



8C5F44



00757C



92586E

Square

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



00757C



676592



955957



646E3F

Rectangle

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



00757C



336F95



955957



82643D

Sweetspot

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



00757C



709EA1



007C06



345052



D1D1D1



525252

Same Dimension

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



00757C



0098A1



00387C



373D3D



00767D



00EEFC

Inverse Universe

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



7C0075



A10098



7C4400



3D373D



7D0076



FC00EE

Previews

White Background



This preview shows how the Hex color 00757C looks on a white background.

Color Contrast Check

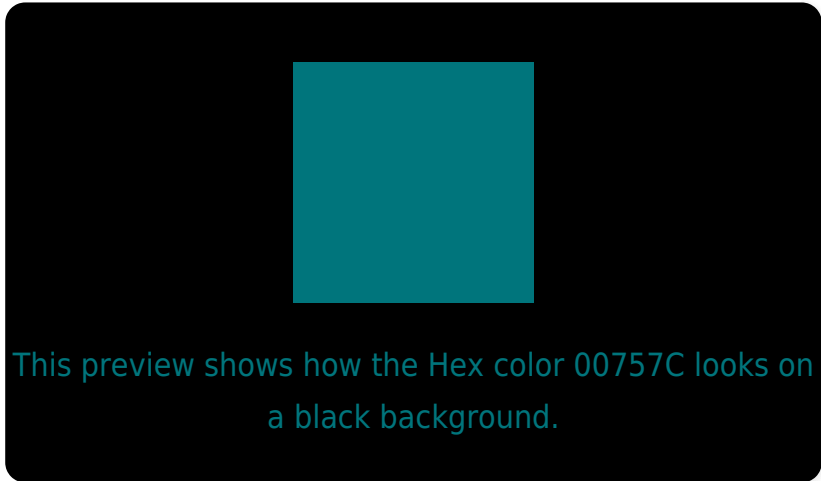
Large Text (above 18pt) WCAG AA ✓ Pass

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

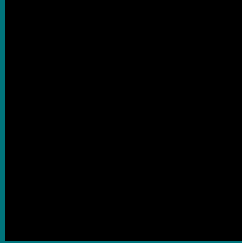
Any Text WCAG AA × Fail

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 00757C Background



This preview shows how black text looks on a background with the Hex color 00757C.

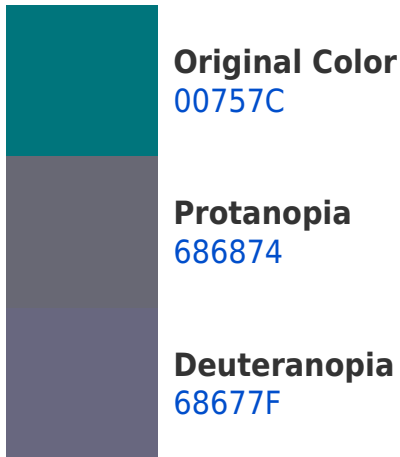


This preview shows how white text looks on a background with the Hex color 00757C.

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](#).

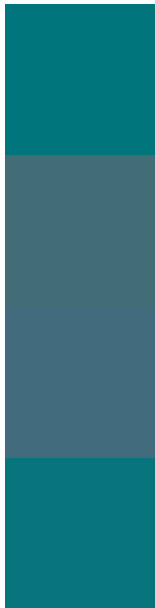
Dichromacy





Tritanopia
0C757E

Trichromacy



Original Color
00757C

Protanomaly
426D77

Deuteranomaly
426C7E

Tritanomaly
08757D

Monochromacy



Original Color
00757C

Achromatopsia
535353

Achromatomaly
355F62

CSS Examples

Text

The CSS property to change the color of the text to Hex 00757C 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 #00757C looks like.

```
.text, #text, p{  
    color:#00757C  
}
```

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 #00757C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00757C
}
```

Border

The CSS property to change the border of an element to Hex 00757C 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
#00757C }
```

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

```
.border{ border-color:#00757C }
```

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

Here you see how a box with a 4 pixel #00757C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00757C; -webkit-box-shadow:4px 4px  
4px 4px #00757C; box-shadow:4px 4px 4px  
4px #00757C }
```

Background

The CSS property to change the background color of an element to Hex 00757C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00757C }
```

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

```
.background{ background-color:#00757C }
```

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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