

# Converting Colors

Hex(17757F)

Have a look what the booklet for  
Hex(17757F) contains.

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# Color

Hex(17757F)

# Conversions

## Conversions Part 1

Format	Color
Hex	17757F
RGB	23, 117, 127
RGB Percent	9%, 46%, 50%
CMY	0.9098, 0.5412, 0.5020
CMYK	0.82, 0.08, 0.00, 0.50
HSL	186°, 69%, 29%
HSV	186°, 82%, 50%
XYZ	10.5454, 14.4370, 22.3095
YIQ	90.0340, -59.2340, -16.8180

# Conversions

## Conversions Part 2

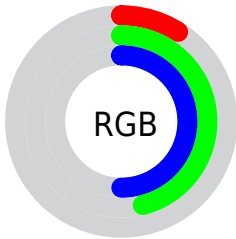
<b>Format</b>	<b>Color</b>
<b>RYB</b>	23, 72, 127
Decimal	1537407
CIELab	44.85, -22.04, -12.99
CIELCh	45, 25.582, 210.509
Yxy	14.4370, 0.2230, 0.3053
Android (android.graphics.Color)	4279727487 (0xFF17757F)
YUV	90.0340, 18.2242, -58.7888
Hunter-Lab	37.9961, -16.9525, -8.2150

# Details

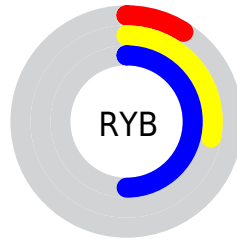
The Hex color **17757F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7F2117**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **58A9B4**, and **00444E** is the 20% darker color. If you saturate the color by 10%, you get **0A747F**, and if you desaturate by 10%, it is **24767F**.

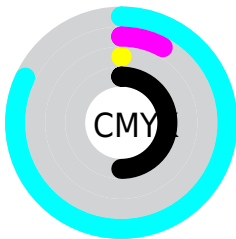
# Distribution



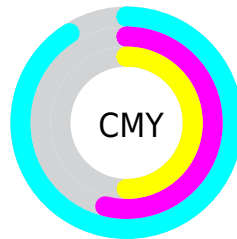
- Red (9%)
- Green (46%)
- Blue (50%)



- Red (9%)
- Yellow (28%)
- Blue (50%)



- Cyan (82%)
- Magenta (8%)
- Yellow (0%)
- Black (50%)



- Cyan (91%)
- Magenta (54%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 17757F 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 17757F by changing the saturation by 10% instead.



■ 17757F

■ 17757F

FFFFFF

■ 005C66

■ 58A9B4

■ 00444E

■ 74C5CF

■ 002E37

■ 90E1EB

■ 001B22

■ ACFEFF

■ 00000A

■ C9FFFF

■ 000000

■ E6FFFF

■ 17757F

■ 17757F

■ 0A747F

■ 24767F

■ 00737F

■ 30777F

■ 3D797F

■ 4A7A7F

■ 577B7F

■ 637C7F

■ 707E7F

■ 7D7F7F

■ 89807F

# Harmonies

## Analogous

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



2D766A



17757F



29728F

# Triad

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



17757F



855D7F



78693F

# Complementary

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



17757F



7F2117

# 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.



896246



17757F



925A6B

# Square

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



17757F



6D648F



935C56



626F45

# Rectangle

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



17757F



406E94



935C56



7E6640



# Sweetspot

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



17757F



7CA2A6



177F20



3B5254



D4D4D4



545454



# Same Dimension

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



17757F



0396A6



17427F



393F40



007380



000000



# Inverse Universe

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



7F1775



A60396



7F5417



40393F



800073



000000



# Previews

## White Background



This preview shows how the Hex color 17757F looks on a white background.

## Color Contrast Check

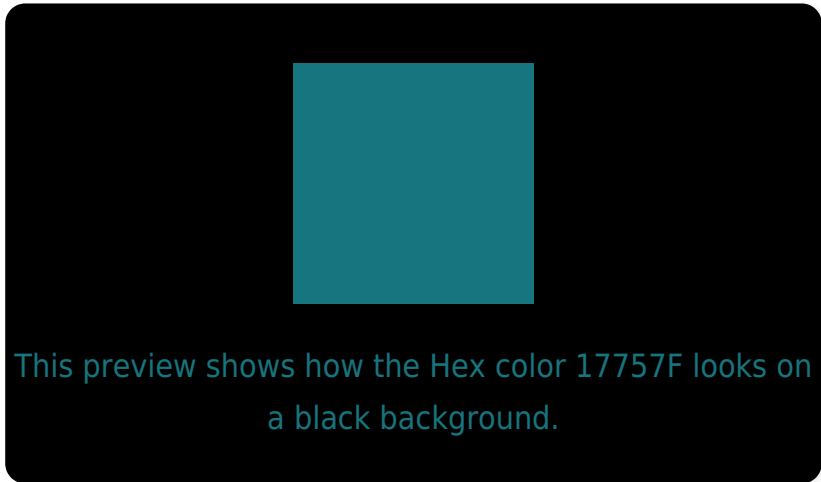
Large Text (above 18pt) WCAG AA ✓ Pass

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

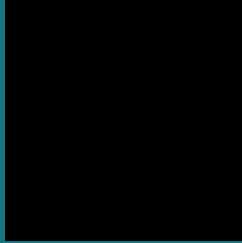
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 17757F Background



This preview shows how black text looks on a background with the Hex color 17757F.

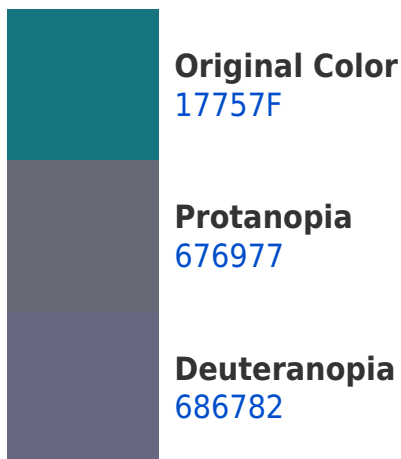


This preview shows how white text looks on a background with the Hex color 17757F.

# 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**  
17757F

# Trichromacy



**Original Color**  
17757F

**Protanomaly**  
4A6D7A

**Deuteranomaly**  
4B6C81

**Tritanomaly**  
17757F

# Monochromacy



**Original Color**  
17757F

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
426467

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 17757F 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 #17757F looks like.

```
.text, #text, p{  
    color:#17757F  
}
```

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 #17757F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17757F
}
```

## Border

The CSS property to change the border of an element to Hex 17757F 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
#17757F }
```

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

```
.border{ border-color:#17757F }
```

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

Here you see how a box with a 4 pixel #17757F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17757F; -webkit-box-shadow:4px 4px  
4px 4px #17757F; box-shadow:4px 4px 4px  
4px #17757F }
```

# Background

The CSS property to change the background color of an element to Hex 17757F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17757F }
```

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

```
.background{ background-color:#17757F }
```

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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