

# Converting Colors

Hex(0E775F)

Have a look what the booklet for  
Hex(0E775F) contains.

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# Color

Hex(0E775F)

# Conversions

## Conversions Part 1

Format	Color
Hex	0E775F
RGB	14, 119, 95
RGB Percent	5%, 47%, 37%
CMY	0.9451, 0.5333, 0.6275
CMYK	0.88, 0.00, 0.20, 0.53
HSL	166°, 79%, 26%
HSV	166°, 88%, 47%
XYZ	8.8435, 14.1132, 13.0845
YIQ	84.8690, -54.8760, -29.7240

# Conversions

## Conversions Part 2

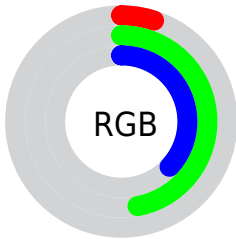
<b>Format</b>	<b>Color</b>
<b>RYB</b>	14, 73, 119
Decimal	948063
CIELab	44.39, -33.75, 5.43
CIElCh	44, 34.189, 170.855
Yxy	14.1132, 0.2454, 0.3916
Android (android.graphics.Color)	4279138143 (0xFF0E775F)
YUV	84.8690, 4.9946, -62.1521
Hunter-Lab	37.5676, -23.7240, 5.6471

# Details

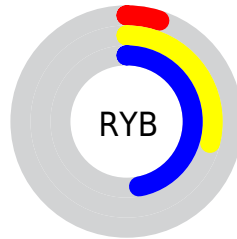
The Hex color **0E775F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **770E26**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **51AC91**, and **004531** is the 20% darker color. If you saturate the color by 10%, you get **02775C**, and if you desaturate by 10%, it is **1A7762**.

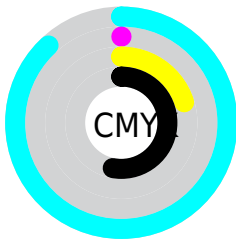
# Distribution



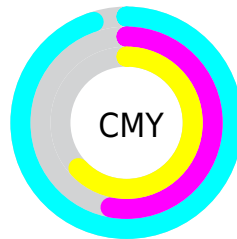
- Red (5%)
- Green (47%)
- Blue (37%)



- Red (5%)
- Yellow (29%)
- Blue (47%)



- Cyan (88%)
- Magenta (0%)
- Yellow (20%)
- Black (53%)



- Cyan (95%)
- Magenta (53%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E775F 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 0E775F by changing the saturation by 10% instead.





0E775F



0E775F

FFFFFF



005E47



51AC91



004531



6DC8AC



002E1C



89E4C7



001802



A5FFE3



000000



C1FFFF



DEFFFF



FCFFFF



0E775F



0E775F

■ 02775C

■ 1A7762

■ 00775C

■ 267764

■ 327767

■ 3E776A

■ 4A776D

■ 55776F

■ 617772

■ 6D7775

■ 797777

# Harmonies

## Analogous

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



457444



0E775F



00777C

# Triad

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



0E775F



5D659E



965A3E

# Complementary

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



0E775F



770E26

# 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.



9F5256



0E775F



845A8D

# Square

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



0E775F



1E6FA1



995273



826430

# Rectangle

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



0E775F



00768D



995273



9A5745



# Sweetspot

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



0E775F



739C92



27770E



374F49



CFCFCF



4F4F4F



# Same Dimension

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



0E775F



009C78



0E5B77



353B39



007A5E



00FAC1



# Inverse Universe

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



770E26



9C0024



772A0E



3B3536



7A001C



FA0039



# Previews

## White Background



This preview shows how the Hex color 0E775F 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

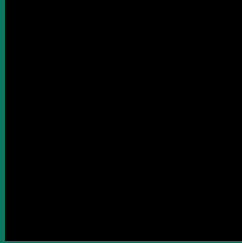
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0E775F Background



This preview shows how black text looks on a background with the Hex color 0E775F.



This preview shows how white text looks on a background with the Hex color 0E775F.

# 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**  
0E775F

**Protanopia**  
6E6858

**Deuteranopia**  
756563



**Tritanopia**  
26737C

# Trichromacy



**Original Color**  
0E775F



**Protanomaly**  
4B6D5B



**Deuteranomaly**  
506C62



**Tritanomaly**  
1D7471

# Monochromacy



**Original Color**  
0E775F



**Achromatopsia**  
555555



**Achromatomaly**  
3B6159

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E775F 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 #0E775F looks like.

```
.text, #text, p{  
    color:#0E775F  
}
```

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 #0E775F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E775F
}
```

## Border

The CSS property to change the border of an element to Hex 0E775F 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
#0E775F }
```

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

```
.border{ border-color:#0E775F }
```

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

Here you see how a box with a 4 pixel #0E775F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E775F; -webkit-box-shadow:4px 4px  
4px 4px #0E775F; box-shadow:4px 4px 4px  
4px #0E775F }
```

# Background

The CSS property to change the background color of an element to Hex 0E775F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E775F }
```

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

```
.background{ background-color:#0E775F }
```

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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