

# Converting Colors

Hex(0E7582)

Have a look what the booklet for  
Hex(0E7582) contains.

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# Color

Hex(0E7582)

# Conversions

## Conversions Part 1

Format	Color
Hex	0E7582
RGB	14, 117, 130
RGB Percent	5%, 46%, 51%
CMY	0.9451, 0.5412, 0.4902
CMYK	0.89, 0.10, 0.00, 0.49
HSL	187°, 81%, 28%
HSV	187°, 89%, 51%
XYZ	10.5717, 14.4276, 23.3467
YIQ	87.6850, -65.5610, -17.7930

# Conversions

## Conversions Part 2

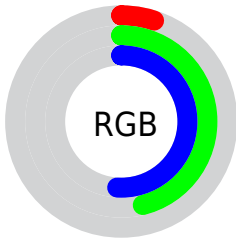
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	14, 69, 130
Decimal	947586
CIE <sub>Lab</sub>	44.84, -21.78, -14.81
CIE <sub>LCh</sub>	45, 26.342, 214.210
Yxy	14.4276, 0.2187, 0.2984
Android (android.graphics.Color)	4279137666 (0xFF0E7582)
YUV	87.6850, 20.8613, -64.6217
Hunter-Lab	37.9837, -16.7913, -9.8540

# Details

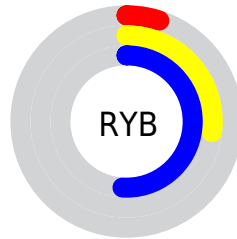
The Hex color **0E7582** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **821B0E**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **55A9B7**, and **004451** is the 20% darker color. If you saturate the color by 10%, you get **017482**, and if you desaturate by 10%, it is **1B7682**.

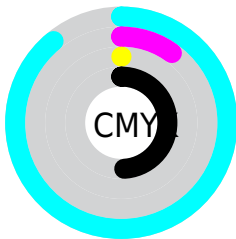
# Distribution



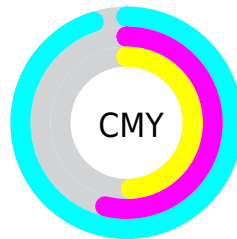
- Red (5%)
- Green (46%)
- Blue (51%)



- Red (5%)
- Yellow (27%)
- Blue (51%)



- Cyan (89%)
- Magenta (10%)
- Yellow (0%)
- Black (49%)



- Cyan (95%)
- Magenta (54%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E7582 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 0E7582 by changing the saturation by 10% instead.



 0E7582

 0E7582

FFFFFF

 005C69

 55A9B7

 004451

 71C5D3

 002E3A

 8EE1EF

 001B24

 AAFEFF

 00010E


 C7FFFF

 000000

 E4FFFF

 0E7582

 0E7582

 017482

 1B7682

■ 007382

■ 287882

■ 357982

■ 427B82

■ 4F7C82

■ 5C7E82

■ 697F82

■ 768182

■ 838282

# Harmonies

## Analogous

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



26766D



0E7582



297191

# Triad

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



0E7582



885C7E



766A3E

# Complementary

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



0E7582



821B0E

# 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.



886243



0E7582



945968

# Square

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



0E7582



71638E



935C53



5E7045

# Rectangle

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



0E7582



436E95



935C53



7C673E



# Sweetspot

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



0E7582



7BA3A8



0E821A



395154



D4D4D4



545454



# Same Dimension

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



0E7582



0095A8



0E3C82



393F40



007180



000000



# Inverse Universe

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



820E75



A80095



82540E



40393F



800071



000000



# Previews

## White Background



This preview shows how the Hex color 0E7582 looks on a white background.

## Color Contrast Check

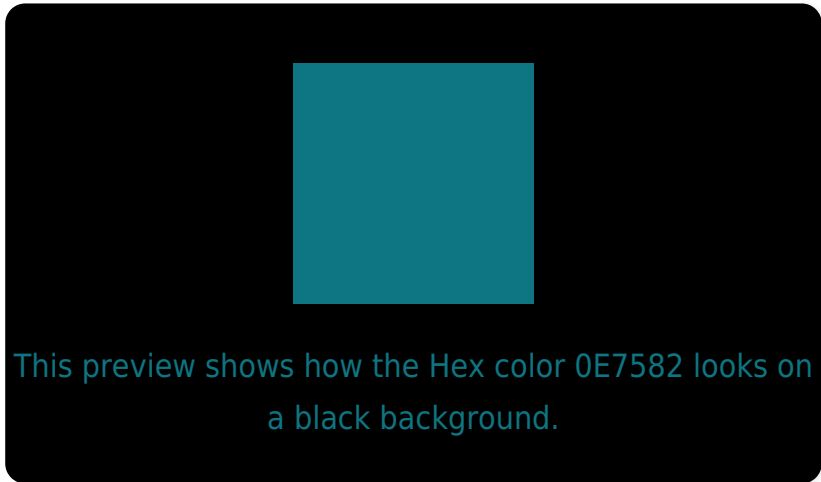
Large Text (above 18pt) WCAG AA ✓ Pass

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

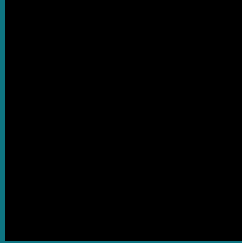
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0E7582 Background



This preview shows how black text looks on a background with the Hex color 0E7582.

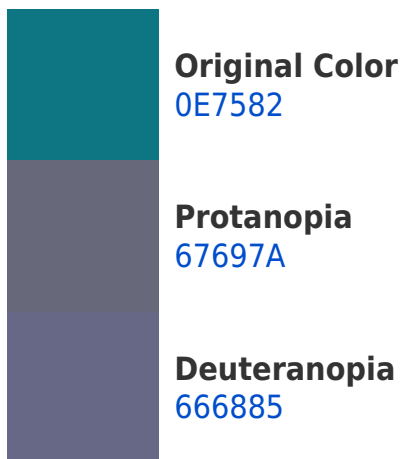


This preview shows how white text looks on a background with the Hex color 0E7582.

# 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](#).

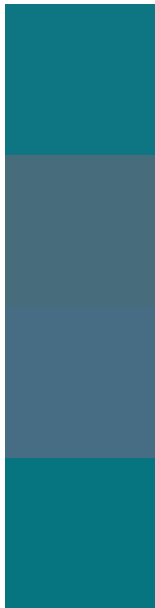
## Dichromacy





**Tritanopia**  
03757F

# Trichromacy



**Original Color**  
0E7582

**Protanomaly**  
476D7D

**Deuteranomaly**  
466D84

**Tritanomaly**  
077580

# Monochromacy



**Original Color**  
0E7582

**Achromatopsia**  
585858

**Achromatomaly**  
3D6367

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E7582 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 #0E7582 looks like.

```
.text, #text, p{  
    color:#0E7582  
}
```

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 #0E7582 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E7582
}
```

## Border

The CSS property to change the border of an element to Hex 0E7582 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
#0E7582 }
```

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

```
.border{ border-color:#0E7582 }
```

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

Here you see how a box with a 4 pixel #0E7582 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E7582; -webkit-box-shadow:4px 4px  
4px 4px #0E7582; box-shadow:4px 4px 4px  
4px #0E7582 }
```

# Background

The CSS property to change the background color of an element to Hex 0E7582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E7582 }
```

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

```
.background{ background-color:#0E7582 }
```

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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