

# Converting Colors

Hex(0E7370)

Have a look what the booklet for  
Hex(0E7370) contains.

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# Color

**Hex(0E7370)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0E7370
RGB	14, 115, 112
RGB Percent	5%, 45%, 44%
CMY	0.9451, 0.5490, 0.5608
CMYK	0.88, 0.00, 0.03, 0.55
HSL	178°, 78%, 25%
HSV	178°, 88%, 45%
XYZ	9.2365, 13.5247, 17.4529
YIQ	84.4590, -59.2330, -22.3450

# Conversions

## Conversions Part 2

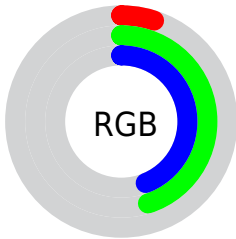
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	14, 65, 115
Decimal	947056
CIE <sub>Lab</sub>	43.54, -26.78, -5.98
CIE <sub>LCh</sub>	44, 27.437, 192.592
Yxy	13.5247, 0.2297, 0.3363
Android (android.graphics.Color)	4279137136 (0xFF0E7370)
<b>YUV</b>	84.4590, 13.5777, -61.7925
Hunter-Lab	36.7759, -19.5266, -2.3944

# Details

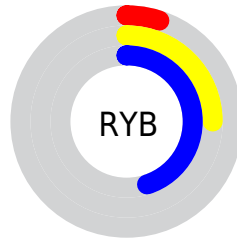
The Hex color **0E7370** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **730E11**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **52A7A4**, and **004240** is the 20% darker color. If you saturate the color by 10%, you get **027370**, and if you desaturate by 10%, it is **197370**.

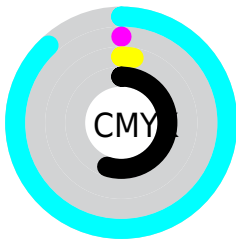
# Distribution



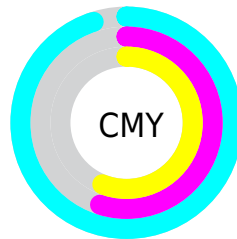
- Red (5%)
- Green (45%)
- Blue (44%)



- Red (5%)
- Yellow (25%)
- Blue (45%)



- Cyan (88%)
- Magenta (0%)
- Yellow (3%)
- Black (55%)



- Cyan (95%)
- Magenta (55%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E7370 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 0E7370 by changing the saturation by 10% instead.



 0E7370

 0E7370

FFFFFF

 005A58

 52A7A4

 004240

 6EC3BF

 002B2A

 8ADFDA

 001516

 A6FCF7

 000000

 C2FFFF

 E0FFFF

 F0FFFF

 0E7370

 0E7370

■ 027370

■ 197370

■ 007370

■ 257371

■ 307371

■ 3C7371

■ 487372

■ 537372

■ 5E7372

■ 6A7373

■ 767373

# Harmonies

## Analogous

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



367259



0E7370



007185

# Triad

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



0E7370



765D88



81613C

# Complementary

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



0E7370



730E11

# 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.



8F5949



0E7370



8B5775

# Square

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



0E7370



556693



93555E



6C693A

# Rectangle

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



0E7370



1B6F8F



93555E



875E3F



# Sweetspot

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



0E7370



6F9695



11730E



354D4C



CCCCCC



4D4D4D



# Same Dimension

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



0E7370



009692



0E4473



353B3A



007A77



00FAF2



# Inverse Universe

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



730E11



960004



733D0E



3B3535



7A0004



FA0007



# Previews

## White Background



This preview shows how the Hex color 0E7370 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

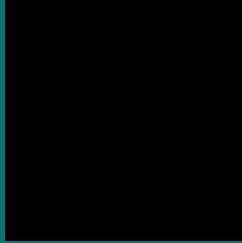
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0E7370 Background



This preview shows how black text looks on a background with the Hex color 0E7370.

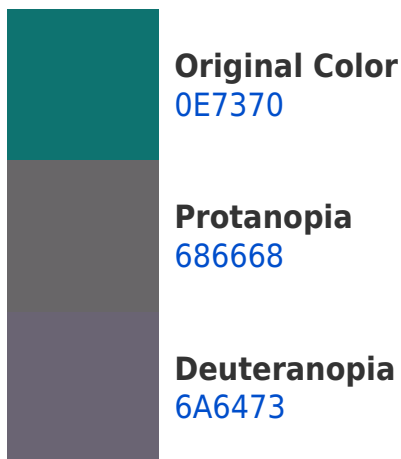


This preview shows how white text looks on a background with the Hex color 0E7370.

# 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](#).

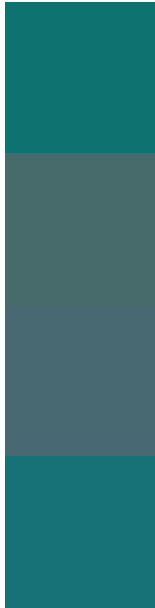
## Dichromacy





**Tritanopia**  
1B717B

# Trichromacy



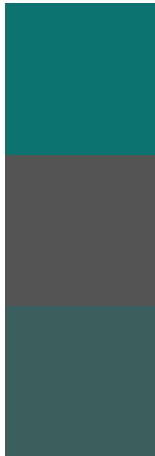
**Original Color**  
0E7370

**Protanomaly**  
476B6B

**Deuteranomaly**  
496972

**Tritanomaly**  
167277

# Monochromacy



**Original Color**  
0E7370

**Achromatopsia**  
545454

**Achromatomaly**  
3B5F5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E7370 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 #0E7370 looks like.

```
.text, #text, p{  
    color:#0E7370  
}
```

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 #0E7370 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E7370  
}
```

## Border

The CSS property to change the border of an element to Hex 0E7370 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  
#0E7370 }
```

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

```
.border{ border-color:#0E7370 }
```

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

Here you see how a box with a 4 pixel #0E7370 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E7370; -webkit-box-shadow:4px 4px  
4px 4px #0E7370; box-shadow:4px 4px 4px  
4px #0E7370 }
```

# Background

The CSS property to change the background color of an element to Hex 0E7370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E7370 }
```

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

```
.background{ background-color:#0E7370 }
```

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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