

# Converting Colors

Hex(0E5A72)

Have a look what the booklet for  
Hex(0E5A72) contains.

<b>Hex(0E5A72)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(0E5A72)

# Conversions

## Conversions Part 1

Format	Color
Hex	0E5A72
RGB	14, 90, 114
RGB Percent	5%, 35%, 45%
CMY	0.9451, 0.6471, 0.5529
CMYK	0.88, 0.21, 0.00, 0.55
HSL	194°, 78%, 25%
HSV	194°, 88%, 45%
XYZ	6.8745, 8.6206, 17.2212
YIQ	70.0120, -53.0000, -8.6480

# Conversions

## Conversions Part 2

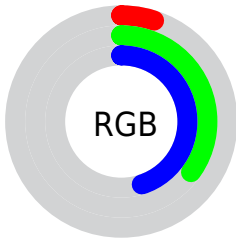
<b>Format</b>	<b>Color</b>
<b>RYB</b>	14, 57, 114
Decimal	940658
CIELab	35.24, -12.55, -19.81
CIELCh	35, 23.451, 237.638
Yxy	8.6206, 0.2101, 0.2635
Android (android.graphics.Color)	4279130738 (0xFF0E5A72)
YUV	70.0120, 21.6861, -49.1225
Hunter-Lab	29.3609, -9.5876, -14.2231

# Details

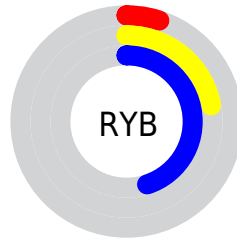
The Hex color **0E5A72** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **72260E**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **4E8CA6**, and **002C42** is the 20% darker color. If you saturate the color by 10%, you get **035772**, and if you desaturate by 10%, it is **195D72**.

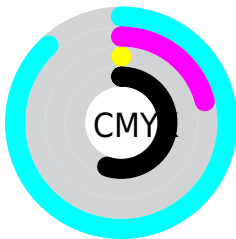
# Distribution



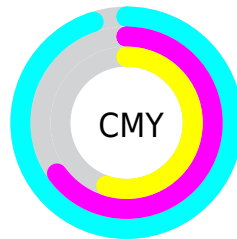
- Red (5%)
- Green (35%)
- Blue (45%)



- Red (5%)
- Yellow (22%)
- Blue (45%)



- Cyan (88%)
- Magenta (21%)
- Yellow (0%)
- Black (55%)



- Cyan (95%)
- Magenta (65%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E5A72 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 0E5A72 by changing the saturation by 10% instead.





0E5A72



0E5A72

FFFFFF



004359



4E8CA6



002C42



6AA7C1



00192C



85C2DD



000117



A1DEFA



000000



BDFAFF



DAFFFF



F7FFFF



0E5A72



0E5A72

■ 035772

■ 195D72

■ 005772

■ 255F72

■ 306272

■ 3C6572

■ 476872

■ 526A72

■ 5E6D72

■ 697072

■ 757372

# Harmonies

## Analogous

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



005C64



0E5A72



345578

# Triad

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



0E5A72



754455



4D5731

# Complementary

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



0E5A72



72260E

# 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.



60512D



0E5A72



774542

# Square

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



0E5A72



694867



6F4B34



375B3E

# Rectangle

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



0E5A72



495176



6F4B34



54552F



# Sweetspot

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



0E5A72



6D8B94



0E7225



33444A



C9C9C9



4A4A4A



# Same Dimension

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



0E5A72



007094



0E2972



323738



005B78



00BCF7



# Inverse Universe

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



720E5A



940070



72570E



383237



78005B



F700BC



# Previews

## White Background



This preview shows how the Hex color 0E5A72 looks on a white background.

### Color Contrast Check

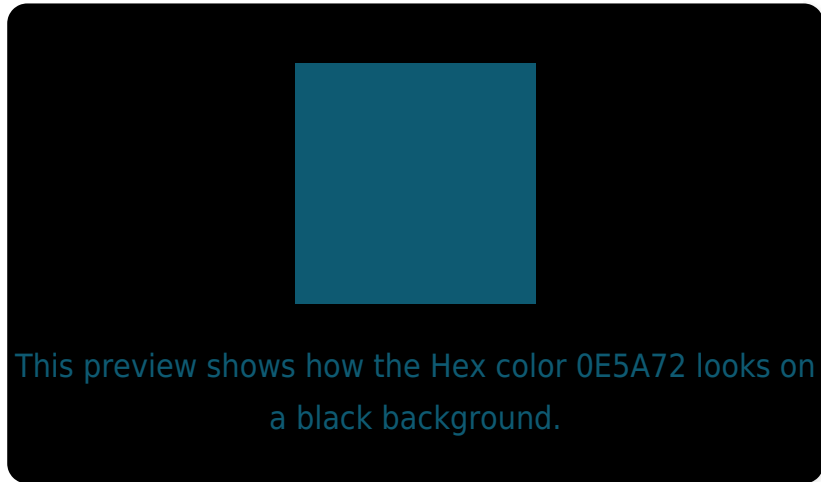
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

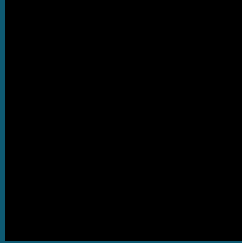
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0E5A72 Background



This preview shows how black text looks on a background with the Hex color 0E5A72.



This preview shows how white text looks on a background with the Hex color 0E5A72.

# 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**  
0E5A72

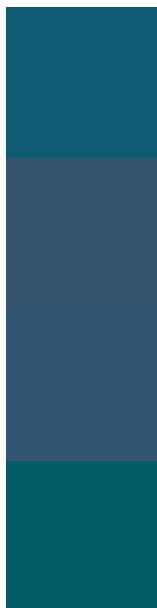
**Protanopia**  
4C526C

**Deuteranopia**  
475274



**Tritanopia**  
005C63

# Trichromacy



**Original Color**

0E5A72

**Protanomaly**

35556E

**Deuteranomaly**

325573

**Tritanomaly**

055B68

# Monochromacy



**Original Color**

0E5A72

**Achromatopsia**

464646

**Achromatomaly**

324D56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E5A72 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 #0E5A72 looks like.

```
.text, #text, p{  
    color:#0E5A72  
}
```

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 #0E5A72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E5A72
}
```

## Border

The CSS property to change the border of an element to Hex 0E5A72 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
#0E5A72 }
```

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

```
.border{ border-color:#0E5A72 }
```

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

Here you see how a box with a 4 pixel #0E5A72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E5A72; -webkit-box-shadow:4px 4px  
4px 4px #0E5A72; box-shadow:4px 4px 4px  
4px #0E5A72 }
```

# Background

The CSS property to change the background color of an element to Hex 0E5A72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E5A72 }
```

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

```
.background{ background-color:#0E5A72 }
```

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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