

# Converting Colors

Hex(0E5F72)

Have a look what the booklet for  
Hex(0E5F72) contains.

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# Color

Hex(0E5F72)

# Conversions

## Conversions Part 1

Format	Color
Hex	0E5F72
RGB	14, 95, 114
RGB Percent	5%, 37%, 45%
CMY	0.9451, 0.6275, 0.5529
CMYK	0.88, 0.17, 0.00, 0.55
HSL	191°, 78%, 25%
HSV	191°, 88%, 45%
XYZ	7.3106, 9.4927, 17.3666
YIQ	72.9470, -54.3750, -11.2630

# Conversions

## Conversions Part 2

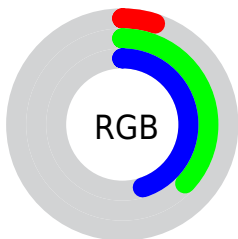
<b>Format</b>	<b>Color</b>
<b>RYB</b>	14, 59, 114
Decimal	941938
CIELab	36.92, -15.45, -17.23
CIElCh	37, 23.140, 228.118
Yxy	9.4927, 0.2139, 0.2778
Android (android.graphics.Color)	4279132018 (0xFF0E5F72)
YUV	72.9470, 20.2391, -51.6965
Hunter-Lab	30.8102, -11.5638, -11.8524

# Details

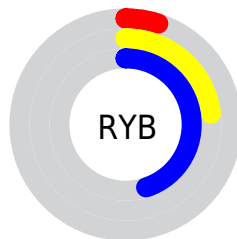
The Hex color **0E5F72** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **72210E**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **4F92A6**, and **003142** is the 20% darker color. If you saturate the color by 10%, you get **035D72**, and if you desaturate by 10%, it is **196172**.

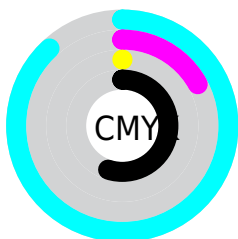
# Distribution



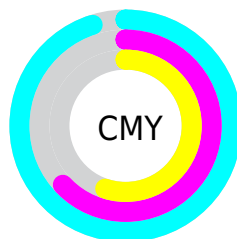
- Red (5%)
- Green (37%)
- Blue (45%)



- Red (5%)
- Yellow (23%)
- Blue (45%)



- Cyan (88%)
- Magenta (17%)
- Yellow (0%)
- Black (55%)



- Cyan (95%)
- Magenta (63%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E5F72 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 0E5F72 by changing the saturation by 10% instead.



 0E5F72

 0E5F72

FFFFFF

 004759

 4F92A6

 003142

 6AACC1

 001D2C

 86C8DD

 000117

 A2E4FA

 000000

 BEFFFF

 DBFFFF

 F8FFFF

 0E5F72

 0E5F72

■ 035D72

■ 196172

■ 005C72

■ 256372

■ 306572

■ 3C6872

■ 476A72

■ 526C72

■ 5E6E72

■ 697072

■ 757272

# Harmonies

## Analogous

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



106162



0E5F72



2F5B7B

# Triad

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



0E5F72



76495F



585933

# Complementary

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



0E5F72



72210E

# 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.



6A5332



0E5F72



7B494C

# Square

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



0E5F72



674E70



764D3C



435E3D

# Rectangle

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



0E5F72



44577C



764D3C



5E5732



# Sweetspot

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



0E5F72



6D8D94



0E7220



33464A



C9C9C9



4A4A4A



# Same Dimension

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



0E5F72



007894



0E2E72



323738



006178



00C8F7



# Inverse Universe

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



720E5F



940078



72520E



383237



780061



F700C8



# Previews

## White Background



This preview shows how the Hex color 0E5F72 looks on a white background.

## Color Contrast Check

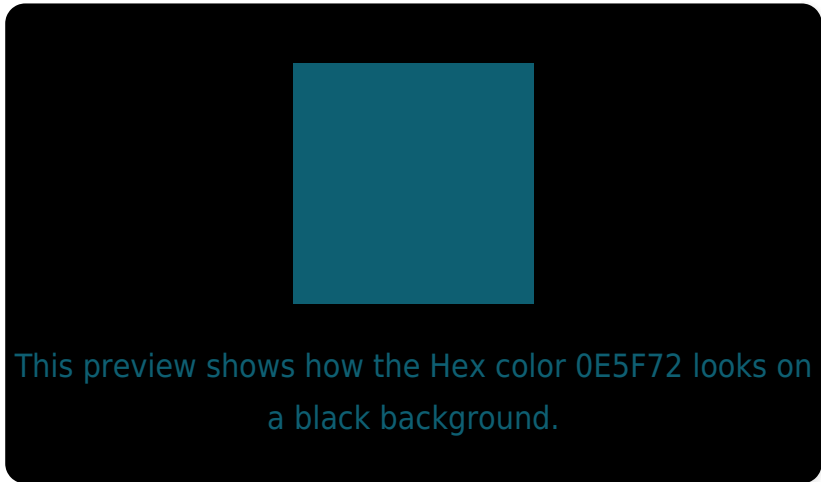
Large Text (above 18pt) WCAG AA ✓ Pass

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

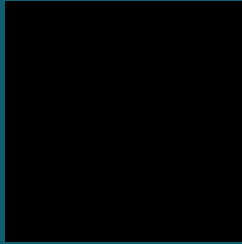
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0E5F72 Background



This preview shows how black text looks on a background with the Hex color 0E5F72.

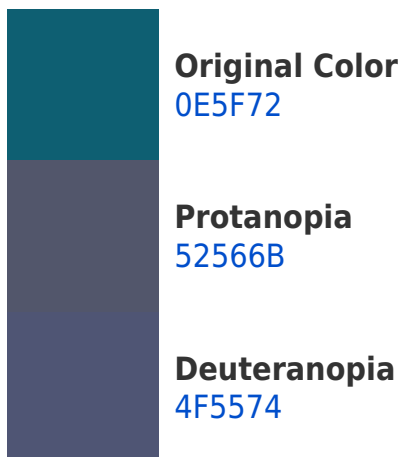


This preview shows how white text looks on a background with the Hex color 0E5F72.

# 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](#).

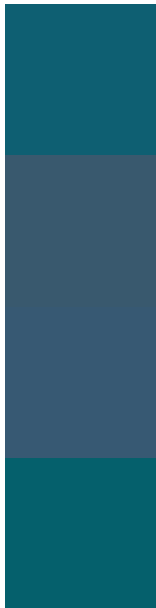
## Dichromacy





**Tritanopia**  
006068

# Trichromacy



**Original Color**  
0E5F72

**Protanomaly**  
39596E

**Deuteranomaly**  
375973

**Tritanomaly**  
05606C

# Monochromacy



**Original Color**  
0E5F72

**Achromatopsia**  
494949

**Achromatomaly**  
345158

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E5F72 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 #0E5F72 looks like.

```
.text, #text, p{  
    color:#0E5F72  
}
```

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 #0E5F72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E5F72
}
```

## Border

The CSS property to change the border of an element to Hex 0E5F72 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
#0E5F72 }
```

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

```
.border{ border-color:#0E5F72 }
```

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

Here you see how a box with a 4 pixel #0E5F72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E5F72; -webkit-box-shadow:4px 4px  
4px 4px #0E5F72; box-shadow:4px 4px 4px  
4px #0E5F72 }
```

# Background

The CSS property to change the background color of an element to Hex 0E5F72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E5F72 }
```

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

```
.background{ background-color:#0E5F72 }
```

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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