

# Converting Colors

Hex(0E6D7D)

Have a look what the booklet for  
Hex(0E6D7D) contains.

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# Color

**Hex(0E6D7D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0E6D7D
RGB	14, 109, 125
RGB Percent	5%, 43%, 49%
CMY	0.9451, 0.5725, 0.5098
CMYK	0.89, 0.13, 0.00, 0.51
HSL	189°, 80%, 27%
HSV	189°, 89%, 49%
XYZ	9.3514, 12.5113, 21.3241
YIQ	82.4190, -61.7560, -15.1640

# Conversions

## Conversions Part 2

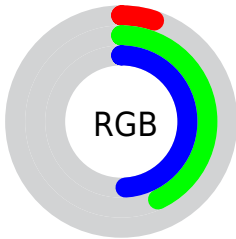
<b>Format</b>	<b>Color</b>
<b>RYB</b>	14, 65, 125
Decimal	945533
CIELab	42.02, -19.25, -16.11
CIElCh	42, 25.105, 219.933
Yxy	12.5113, 0.2165, 0.2897
Android (android.graphics.Color)	4279135613 (0xFF0E6D7D)
YUV	82.4190, 20.9924, -60.0035
Hunter-Lab	35.3713, -14.7083, -10.9839

# Details

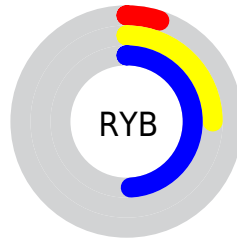
The Hex color **0E6D7D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7D1E0E**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **53A1B2**, and **003D4C** is the 20% darker color. If you saturate the color by 10%, you get **026B7D**, and if you desaturate by 10%, it is **1B6F7D**.

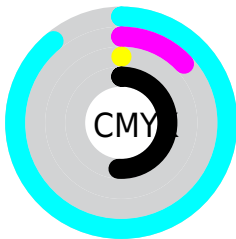
# Distribution



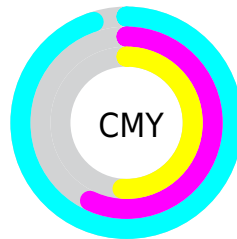
- Red (5%)
- Green (43%)
- Blue (49%)



- Red (5%)
- Yellow (25%)
- Blue (49%)



- Cyan (89%)
- Magenta (13%)
- Yellow (0%)
- Black (51%)



- Cyan (95%)
- Magenta (57%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E6D7D 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 0E6D7D by changing the saturation by 10% instead.



0E6D7D

0E6D7D

FFFFFF

005564

53A1B2

003D4C

6FBCCD

002735

8BD8E9

000F20

A7F4FF

000006

C4FFFF

000000

E1FFFF

0E6D7D

0E6D7D

026B7D

1B6F7D

■ 006B7D

■ 27717D

■ 34727D

■ 40747D

■ 4D767D

■ 59787D

■ 667A7D

■ 727B7D

■ 7E7D7D

# Harmonies

## Analogous

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



1D6E6A



0E6D7D



2D698A

# Triad

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



0E6D7D



835572



6A643A

# Complementary

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



0E6D7D



7D1E0E

# 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.



7D5D3D



0E6D7D



8B535D

# Square

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



0E6D7D



6E5B83



89564A



536A43

# Rectangle

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



0E6D7D



45658C



89564A



71623A



# Sweetspot

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



0E6D7D



779DA3



0E7D1D



374E52



D1D1D1



525252



# Same Dimension

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



0E6D7D



008CA3



0E377D



393F40



006D80



000000



# Inverse Universe

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



7D0E6D



A3008C



7D540E



40393F



80006D



000000



# Previews

## White Background



This preview shows how the Hex color 0E6D7D looks on a white background.

## Color Contrast Check

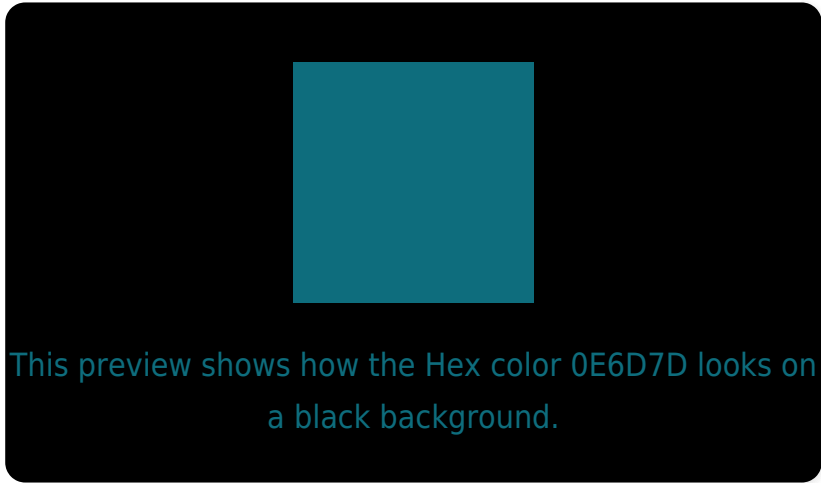
Large Text (above 18pt) WCAG AA ✓ Pass

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

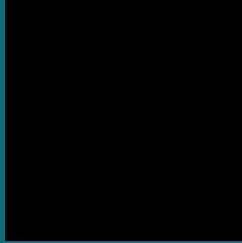
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0E6D7D Background



This preview shows how black text looks on a background with the Hex color 0E6D7D.

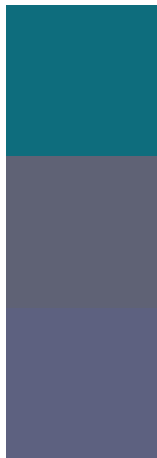


This preview shows how white text looks on a background with the Hex color 0E6D7D.

# 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**  
0E6D7D

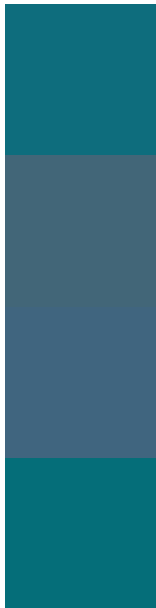
**Protanopia**  
5F6275

**Deuteranopia**  
5D6180



**Tritanopia**  
006E77

# Trichromacy



**Original Color**  
0E6D7D

**Protanomaly**  
426678

**Deuteranomaly**  
40657F

**Tritanomaly**  
056E79

# Monochromacy



**Original Color**  
0E6D7D

**Achromatopsia**  
525252

**Achromatomaly**  
395C62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E6D7D 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 #0E6D7D looks like.

```
.text, #text, p{  
    color:#0E6D7D  
}
```

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 #0E6D7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E6D7D
}
```

## Border

The CSS property to change the border of an element to Hex 0E6D7D 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
#0E6D7D }
```

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

```
.border{ border-color:#0E6D7D }
```

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

Here you see how a box with a 4 pixel #0E6D7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E6D7D; -webkit-box-shadow:4px 4px  
4px 4px #0E6D7D; box-shadow:4px 4px 4px  
4px #0E6D7D }
```

# Background

The CSS property to change the background color of an element to Hex 0E6D7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E6D7D }
```

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

```
.background{ background-color:#0E6D7D }
```

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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