

# Converting Colors

Hex(0D7E90)

Have a look what the booklet for  
Hex(0D7E90) contains.

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# Color

**Hex(0D7E90)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D7E90
RGB	13, 126, 144
RGB Percent	5%, 49%, 56%
CMY	0.9490, 0.5059, 0.4353
CMYK	0.91, 0.12, 0.00, 0.44
HSL	188°, 83%, 31%
HSV	188°, 91%, 56%
XYZ	12.6609, 17.0209, 29.0036
YIQ	94.2650, -73.1260, -18.3580

# Conversions

## Conversions Part 2

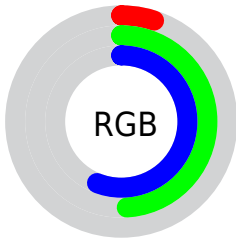
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 74, 144
Decimal	884368
CIELab	48.29, -21.74, -17.85
CIElCh	48, 28.128, 219.381
Yxy	17.0209, 0.2157, 0.2900
Android (android.graphics.Color)	4279074448 (0xFF0D7E90)
YUV	94.2650, 24.5194, -71.2694
Hunter-Lab	41.2564, -17.4201, -12.8020

# Details

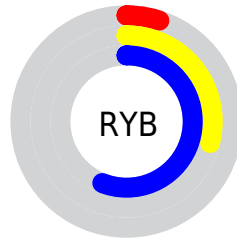
The Hex color **0D7E90** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **901F0D**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **58B3C6**, and **004D5E** is the 20% darker color. If you saturate the color by 10%, you get **007C90**, and if you desaturate by 10%, it is **1B8090**.

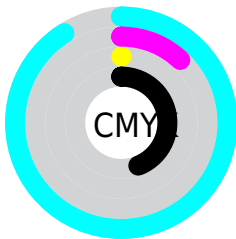
# Distribution



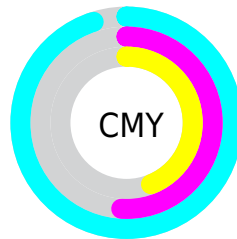
- Red (5%)
- Green (49%)
- Blue (56%)



- Red (5%)
- Yellow (29%)
- Blue (56%)



- Cyan (91%)
- Magenta (12%)
- Yellow (0%)
- Black (44%)



- Cyan (95%)
- Magenta (51%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D7E90 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 0D7E90 by changing the saturation by 10% instead.



 0D7E90

 0D7E90

FFFFFF

 006576

 58B3C6

 004D5E

 75CFE2

 003646

 92EBFF

 00212F

 AFFFFFF

 00011B

 CCFFFF

 000000

 EAFFFF

 0D7E90

 0D7E90

 007C90

 1B8090

■ 2A8290

■ 388490

■ 478690

■ 558890

■ 638A90

■ 728C90

■ 808E90

■ 8F9090

# Harmonies

## Analogous

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



227F7A



0D7E90



337A9F

# Triad

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



0D7E90



976284



7B7443

# Complementary

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



0D7E90



901F0D

# 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.



906C47



0D7E90



A1606C

# Square

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



0D7E90



7F6A97



9E6456



617A4D

# Rectangle

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



0D7E90



4F75A2



9E6456



837143



# Sweetspot

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



0D7E90



88B3BA



0D901E



405A5E



DEDEDE



5E5E5E



# Same Dimension

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



0D7E90



00A1BA



0D3D90



404647



007587



000708



# Inverse Universe

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



900D7E



BA00A1



90600D



474046



870075



080007



# Previews

## White Background



This preview shows how the Hex color 0D7E90 looks on a white background.

## Color Contrast Check

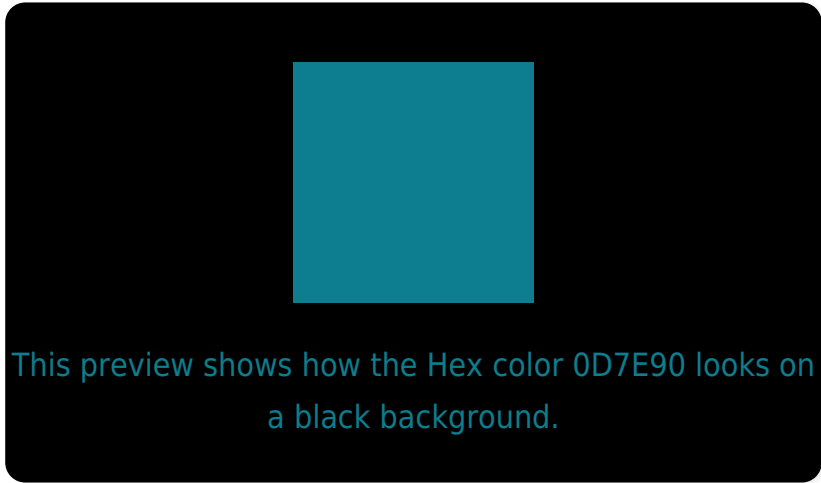
Large Text (above 18pt) WCAG AA ✓ Pass

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

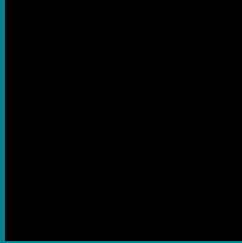
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0D7E90 Background



This preview shows how black text looks on a background with the Hex color 0D7E90.

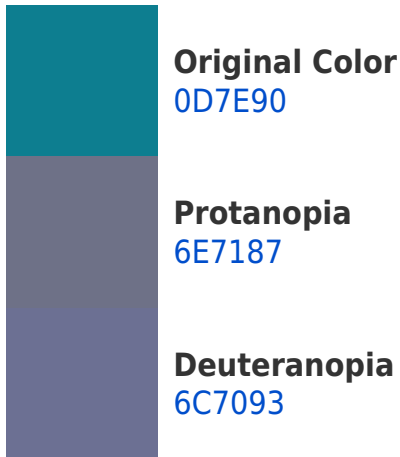


This preview shows how white text looks on a background with the Hex color 0D7E90.

# 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**  
007F89

# Trichromacy



**Original Color**  
0D7E90



**Protanomaly**  
4B768A



**Deuteranomaly**  
497592



**Tritanomaly**  
057F8C

# Monochromacy



**Original Color**  
0D7E90



**Achromatopsia**  
5E5E5E



**Achromatomaly**  
416A70

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D7E90 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 #0D7E90 looks like.

```
.text, #text, p{  
    color:#0D7E90  
}
```

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 #0D7E90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D7E90
}
```

## Border

The CSS property to change the border of an element to Hex 0D7E90 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
#0D7E90 }
```

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

```
.border{ border-color:#0D7E90 }
```

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

Here you see how a box with a 4 pixel #0D7E90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D7E90; -webkit-box-shadow:4px 4px  
4px 4px #0D7E90; box-shadow:4px 4px 4px  
4px #0D7E90 }
```

# Background

The CSS property to change the background color of an element to Hex 0D7E90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D7E90 }
```

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

```
.background{ background-color:#0D7E90 }
```

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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