

# Converting Colors

Hex(0D727E)

Have a look what the booklet for  
Hex(0D727E) contains.

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# Color

Hex(0D727E)

# Conversions

## Conversions Part 1

Format	Color
Hex	0D727E
RGB	13, 114, 126
RGB Percent	5%, 45%, 49%
CMY	0.9490, 0.5529, 0.5059
CMYK	0.90, 0.10, 0.00, 0.51
HSL	186°, 81%, 27%
HSV	186°, 90%, 49%
XYZ	9.9492, 13.6266, 21.8445
YIQ	85.1690, -64.0480, -17.6800

# Conversions

## Conversions Part 2

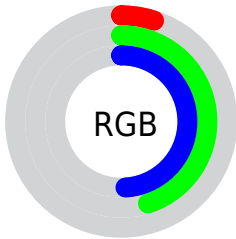
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 66, 126
Decimal	881278
CIELab	43.69, -21.65, -14.16
CIELCh	44, 25.874, 213.190
Yxy	13.6266, 0.2190, 0.3000
Android (android.graphics.Color)	4279071358 (0xFF0D727E)
YUV	85.1690, 20.1297, -63.2922
Hunter-Lab	36.9142, -16.4900, -9.2458

# Details

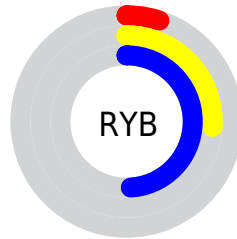
The Hex color **0D727E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7E190D**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **53A6B3**, and **00424D** is the 20% darker color. If you saturate the color by 10%, you get **00717E**, and if you desaturate by 10%, it is **1A737E**.

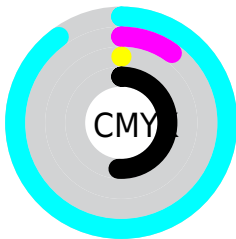
# Distribution



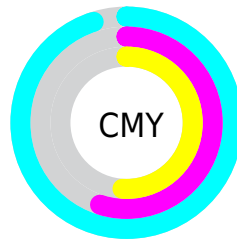
- Red (5%)
- Green (45%)
- Blue (49%)



- Red (5%)
- Yellow (26%)
- Blue (49%)



- Cyan (90%)
- Magenta (10%)
- Yellow (0%)
- Black (51%)



- Cyan (95%)
- Magenta (55%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D727E 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 0D727E by changing the saturation by 10% instead.



0D727E

0D727E

FFFFFF

005965

53A6B3

00424D

70C1CE

002B36

8CDDEA

001721

A8FAFF

000008

C5FFFF

000000

E2FFFF

0D727E

0D727E

00717E

1A737E

■ 26757E

■ 33767E

■ 3F777E

■ 4C797E

■ 597A7E

■ 657B7E

■ 727D7E

■ 7E7E7E

# Harmonies

## Analogous

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



267369



0D727E



276F8D

# Triad

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



0D727E



845A7B



73673C

# Complementary

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



0D727E



7E190D

# 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.



855F41



0D727E



905766

# Square

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



0D727E



6D618B



905951



5D6D43

# Rectangle

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



0D727E



406B91



905951



7A643D



# Sweetspot

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



0D727E



779FA3



0D7E18



374F52



D1D1D1



525252



# Same Dimension

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



0D727E



0092A3



0D3A7E



393F40



007280



000000



# Inverse Universe

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



7E0D72



A30092



7E510D



40393F



800072



000000



# Previews

## White Background



This preview shows how the Hex color 0D727E 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

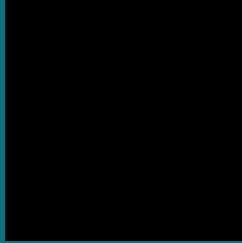
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

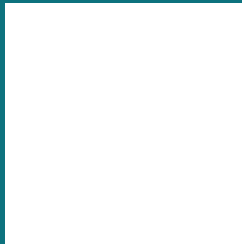
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0D727E Background



This preview shows how black text looks on a background with the Hex color 0D727E.

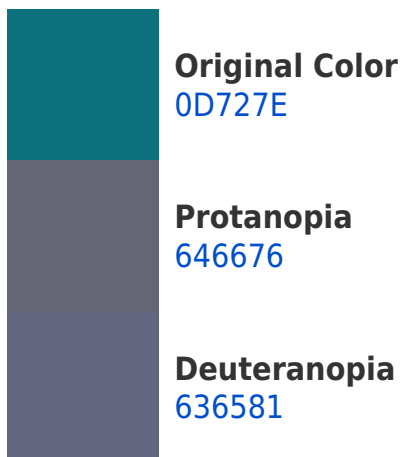


This preview shows how white text looks on a background with the Hex color 0D727E.

# 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](#).

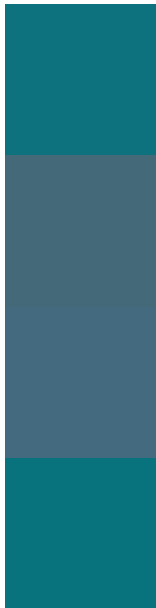
## Dichromacy





**Tritanopia**  
05727C

# Trichromacy



**Original Color**  
0D727E

**Protanomaly**  
446A79

**Deuteranomaly**  
446A80

**Tritanomaly**  
08727D

# Monochromacy



**Original Color**  
0D727E

**Achromatopsia**  
555555

**Achromatomaly**  
3B6064

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D727E 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 #0D727E looks like.

```
.text, #text, p{  
    color:#0D727E  
}
```

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 #0D727E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D727E
}
```

## Border

The CSS property to change the border of an element to Hex 0D727E 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
#0D727E }
```

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

```
.border{ border-color:#0D727E }
```

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

Here you see how a box with a 4 pixel #0D727E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D727E; -webkit-box-shadow:4px 4px  
4px 4px #0D727E; box-shadow:4px 4px 4px  
4px #0D727E }
```

# Background

The CSS property to change the background color of an element to Hex 0D727E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D727E }
```

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

```
.background{ background-color:#0D727E }
```

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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