

# Converting Colors

Hex(0D7280)

Have a look what the booklet for  
Hex(0D7280) contains.

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# Color

**Hex(0D7280)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D7280
RGB	13, 114, 128
RGB Percent	5%, 45%, 50%
CMY	0.9490, 0.5529, 0.4980
CMYK	0.90, 0.11, 0.00, 0.50
HSL	187°, 82%, 28%
HSV	187°, 90%, 50%
XYZ	10.0796, 13.6787, 22.5311
YIQ	85.3970, -64.6900, -17.0580

# Conversions

## Conversions Part 2

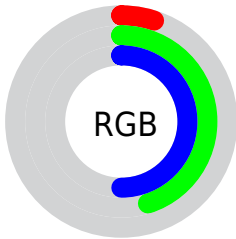
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 67, 128
Decimal	881280
CIELab	43.77, -20.96, -15.25
CIELCh	44, 25.916, 216.038
Yxy	13.6787, 0.2178, 0.2955
Android (android.graphics.Color)	4279071360 (0xFF0D7280)
YUV	85.3970, 21.0033, -63.4922
Hunter-Lab	36.9847, -16.0761, -10.2301

# Details

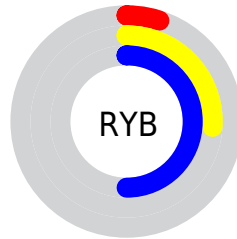
The Hex color **0D7280** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **801B0D**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **53A6B5**, and **00424F** is the 20% darker color. If you saturate the color by 10%, you get **007080**, and if you desaturate by 10%, it is **1A7480**.

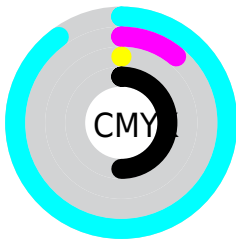
# Distribution



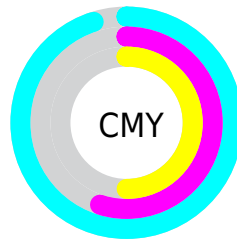
- Red (5%)
- Green (45%)
- Blue (50%)



- Red (5%)
- Yellow (26%)
- Blue (50%)



- Cyan (90%)
- Magenta (11%)
- Yellow (0%)
- Black (50%)



- Cyan (95%)
- Magenta (55%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D7280 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 0D7280 by changing the saturation by 10% instead.



 0D7280

 0D7280

FFFFFF

 005967

 53A6B5

 00424F

 70C1D0

 002B38

 8CDDED

 001723

 A9FAFF

 00000B

 C6FFFF

 000000

 E3FFFF

 0D7280

 0D7280

 007080

 1A7480

■ 277580

■ 337780

■ 407880

■ 4D7A80

■ 5A7B80

■ 677D80

■ 737E80

■ 808080

# Harmonies

## Analogous

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



23736B



0D7280



2A6E8E

# Triad

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



0D7280



865979



71683C

# Complementary

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



0D7280



801B0D

# 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.



846041



0D7280



915764

# Square

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



0D7280



70608A



8F5A4F



5A6E44

# Rectangle

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



0D7280



446A92



8F5A4F



78653C



# Sweetspot

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



0D7280



79A0A6



0D801A



395154



D4D4D4



545454



# Same Dimension

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



0D7280



0092A6



0D3980



393F40



007080



000000



# Inverse Universe

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



800D72



A60092



80540D



40393F



800070



000000



# Previews

## White Background



This preview shows how the Hex color 0D7280 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

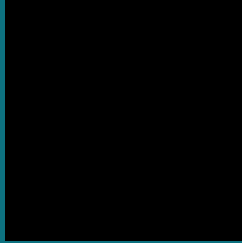
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0D7280 Background



This preview shows how black text looks on a background with the Hex color 0D7280.

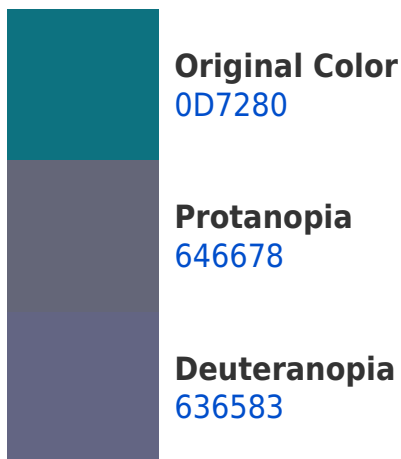


This preview shows how white text looks on a background with the Hex color 0D7280.

# 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](#).

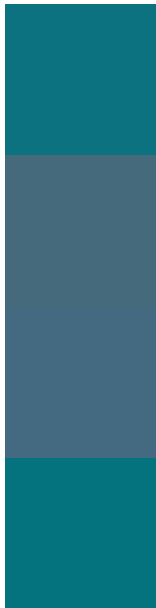
## Dichromacy





**Tritanopia**  
00737C

# Trichromacy



**Original Color**  
0D7280

**Protanomaly**  
446A7B

**Deuteranomaly**  
446A82

**Tritanomaly**  
05737D

# Monochromacy



**Original Color**  
0D7280

**Achromatopsia**  
555555

**Achromatomaly**  
3B6065

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D7280 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 #0D7280 looks like.

```
.text, #text, p{  
    color:#0D7280  
}
```

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 #0D7280 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D7280
}
```

## Border

The CSS property to change the border of an element to Hex 0D7280 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
#0D7280 }
```

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

```
.border{ border-color:#0D7280 }
```

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

Here you see how a box with a 4 pixel #0D7280 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D7280; -webkit-box-shadow:4px 4px  
4px 4px #0D7280; box-shadow:4px 4px 4px  
4px #0D7280 }
```

# Background

The CSS property to change the background color of an element to Hex 0D7280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D7280 }
```

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

```
.background{ background-color:#0D7280 }
```

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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