

Converting Colors

Hex(0D7781)

Have a look what the booklet for
Hex(0D7781) contains.

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Color

Hex(0D7781)

Conversions

Conversions Part 1

Format	Color
Hex	0D7781
RGB	13, 119, 129
RGB Percent	5%, 47%, 51%
CMY	0.9490, 0.5333, 0.4941
CMYK	0.90, 0.08, 0.00, 0.49
HSL	185°, 82%, 28%
HSV	185°, 90%, 51%
XYZ	10.7253, 14.8642, 23.0727
YIQ	88.4460, -66.3860, -19.3620

Conversions

Conversions Part 2

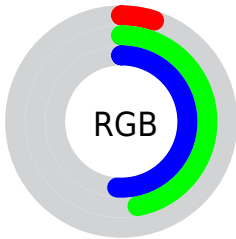
Format	Color
RYB	13, 68, 129
Decimal	882561
CIELab	45.45, -23.24, -13.29
CIElCh	45, 26.776, 209.763
Yxy	14.8642, 0.2204, 0.3055
Android (android.graphics.Color)	4279072641 (0xFF0D7781)
YUV	88.4460, 19.9931, -66.1661
Hunter-Lab	38.5541, -17.8133, -8.4942

Details

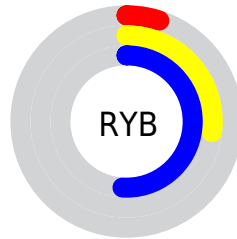
The Hex color **0D7781** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **81170D**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **54ACB6**, and **004650** is the 20% darker color. If you saturate the color by 10%, you get **007681**, and if you desaturate by 10%, it is **1A7881**.

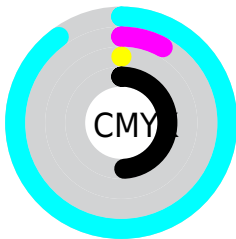
Distribution



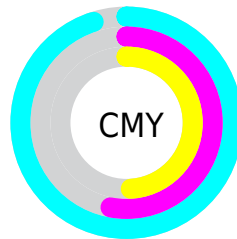
- Red (5%)
- Green (47%)
- Blue (51%)



- Red (5%)
- Yellow (27%)
- Blue (51%)



- Cyan (90%)
- Magenta (8%)
- Yellow (0%)
- Black (49%)



- Cyan (95%)
- Magenta (53%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D7781 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 0D7781 by changing the saturation by 10% instead.

 0D7781

 0D7781

FFFFFF

 005E68

 54ACB6

 004650

 71C7D1

 002F39

 8DE3EE

 001D23

 AAFFFF

 00010D

 C7FFFF

 000000

 E4FFFF

 0D7781

 0D7781

 007681

 1A7881

■ 277981

■ 347A81

■ 417B81

■ 4E7D81

■ 5A7E81

■ 677F81

■ 748081

■ 818181

Harmonies

Analogous

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



2A776B



0D7781



237492

Triad

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



0D7781



885E82



7A6A3F

Complementary

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



0D7781



81170D

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.



8D6246



0D7781



955A6D

Square

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



0D7781



6E6692



965C57



637144

Rectangle

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



0D7781



3E7097



965C57



816840

Sweetspot

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



0D7781



7BA4A8



0D8117



395254



D4D4D4



545454

Same Dimension

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



0D7781



009AA8



0D3D81



393F40



007580



000000

Inverse Universe

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



810D77



A8009A



81510D



40393F



800075



000000

Previews

White Background



This preview shows how the Hex color 0D7781 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

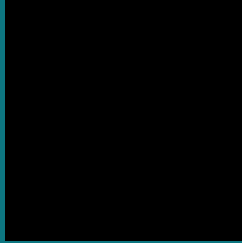
Any Text WCAG AA × Fail

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 0D7781 Background



This preview shows how black text looks on a background with the Hex color 0D7781.

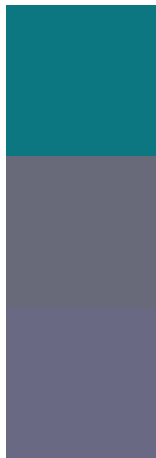


This preview shows how white text looks on a background with the Hex color 0D7781.

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
0D7781

Protanopia
696A79

Deuteranopia
696984



Tritanopia
0C7781

Trichromacy



Original Color
0D7781



Protanomaly
486F7C



Deuteranomaly
486E83



Tritanomaly
0C7781

Monochromacy



Original Color
0D7781



Achromatopsia
585858



Achromatomaly
3D6367

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D7781 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 #0D7781 looks like.

```
.text, #text, p{  
    color:#0D7781  
}
```

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 #0D7781 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D7781
}
```

Border

The CSS property to change the border of an element to Hex 0D7781 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
#0D7781 }
```

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

```
.border{ border-color:#0D7781 }
```

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

Here you see how a box with a 4 pixel #0D7781 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D7781; -webkit-box-shadow:4px 4px  
4px 4px #0D7781; box-shadow:4px 4px 4px  
4px #0D7781 }
```

Background

The CSS property to change the background color of an element to Hex 0D7781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D7781 }
```

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

```
.background{ background-color:#0D7781 }
```

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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