

Converting Colors

Hex(0C7E7E)

Have a look what the booklet for
Hex(0C7E7E) contains.

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Color

Hex(0C7E7E)

Conversions

Conversions Part 1

Format	Color
Hex	0C7E7E
RGB	12, 126, 126
RGB Percent	5%, 49%, 49%
CMY	0.9529, 0.5059, 0.5059
CMYK	0.90, 0.00, 0.00, 0.51
HSL	180°, 83%, 27%
HSV	180°, 90%, 49%
XYZ	11.3784, 16.5062, 22.3250
YIQ	91.9140, -67.9440, -24.1680

Conversions

Conversions Part 2

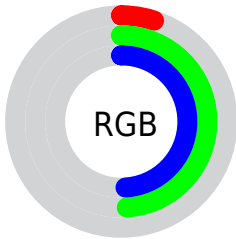
Format	Color
RYB	12, 69, 126
Decimal	818814
CIELab	47.63, -27.85, -8.22
CIELCh	48, 29.039, 196.452
Yxy	16.5062, 0.2266, 0.3287
Android (android.graphics.Color)	4279008894 (0xFF0C7E7E)
YUV	91.9140, 16.8044, -70.0846
Hunter-Lab	40.6279, -21.1075, -4.1403

Details

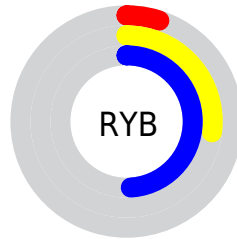
The Hex color **0C7E7E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7E0C0C**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **55B3B3**, and **004C4D** is the 20% darker color. If you saturate the color by 10%, you get **007E7E**, and if you desaturate by 10%, it is **197E7E**.

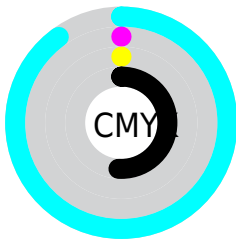
Distribution



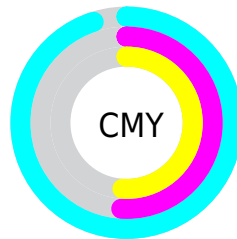
- Red (5%)
- Green (49%)
- Blue (49%)



- Red (5%)
- Yellow (27%)
- Blue (49%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 0C7E7E 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 0C7E7E by changing the saturation by 10% instead.

0C7E7E

0C7E7E

FFFFFF

006565

55B3B3

004C4D

72CFCE

003536

8EEBEA

002121

ABFFFF

00000A

C8FFFF

000000

E5FFFF

0C7E7E

0C7E7E

007E7E

197E7E

■ 257E7E

■ 327E7E

■ 3E7E7E

■ 4B7E7E

■ 587E7E

■ 647E7E

■ 717E7E

■ 7D7E7E

Harmonies

Analogous

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



387D65



0C7E7E



007C94

Triad

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



0C7E7E



856693



8B6C41

Complementary

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



0C7E7E



7E0C0C

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.



9B634F



0C7E7E



9A5F7D

Square

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



0C7E7E



636FA0



A15E64



747441

Rectangle

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



0C7E7E



28799D



A15E64



916945

Sweetspot

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



0C7E7E



77A3A3



0C7E0C



375252



D1D1D1



525252

Same Dimension

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



0C7E7E



00A3A3



0C457E



394040



008080



000000

Inverse Universe

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



7E0C7E



A300A3



7E450C



403940



800080



000000

Previews

White Background



This preview shows how the Hex color 0C7E7E looks on a white background.

Color Contrast Check

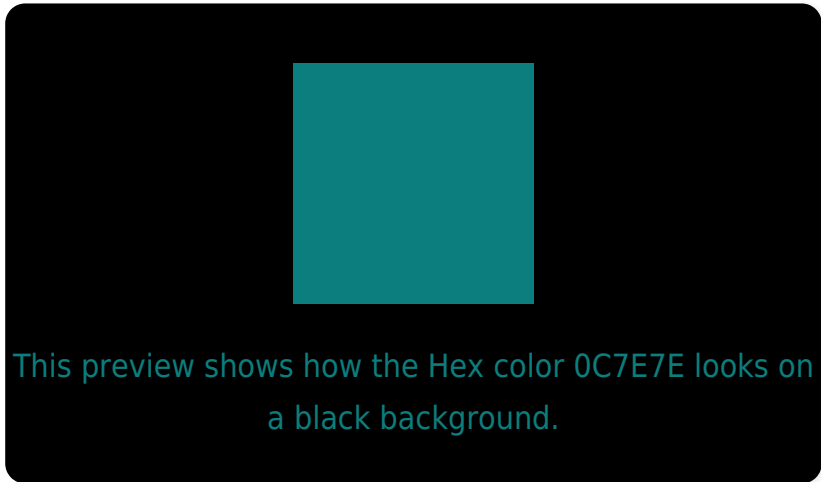
Large Text (above 18pt) WCAG AA ✓ Pass

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

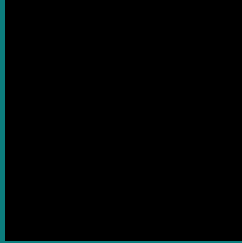
Any Text WCAG AA × Fail

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 0C7E7E Background



This preview shows how black text looks on a background with the Hex color 0C7E7E.

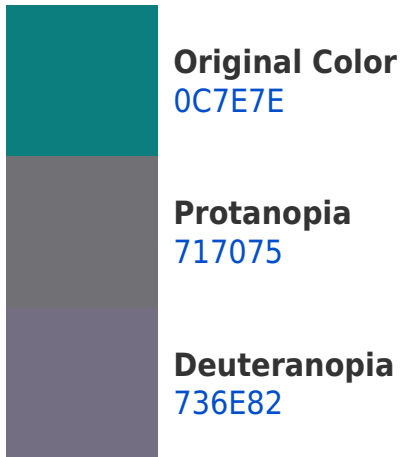


This preview shows how white text looks on a background with the Hex color 0C7E7E.

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
197D87

Trichromacy



Original Color
0C7E7E



Protanomaly
4C7578



Deuteranomaly
4E7481



Tritanomaly
147D84

Monochromacy



Original Color
0C7E7E



Achromatopsia
5C5C5C



Achromatomaly
3F6868

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C7E7E 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 #0C7E7E looks like.

```
.text, #text, p{  
    color:#0C7E7E  
}
```

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 #0C7E7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C7E7E
}
```

Border

The CSS property to change the border of an element to Hex 0C7E7E is called "border". The border property can be set on classes, ids or directly on the HTML element.

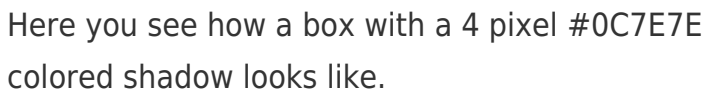
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0C7E7E }
```

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

```
.border{ border-color:#0C7E7E }
```

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



Here you see how a box with a 4 pixel #0C7E7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C7E7E; -webkit-box-shadow:4px 4px  
4px 4px #0C7E7E; box-shadow:4px 4px 4px  
4px #0C7E7E }
```

Background

The CSS property to change the background color of an element to Hex 0C7E7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C7E7E }
```

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

```
.background{ background-color:#0C7E7E }
```

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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