

Converting Colors

Hex(0C9E7E)

Have a look what the booklet for
Hex(0C9E7E) contains.

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Color

Hex(0C9E7E)

Conversions

Conversions Part 1

Format	Color
Hex	0C9E7E
RGB	12, 158, 126
RGB Percent	5%, 62%, 49%
CMY	0.9529, 0.3804, 0.5059
CMYK	0.92, 0.00, 0.20, 0.38
HSL	167°, 86%, 33%
HSV	167°, 92%, 62%
XYZ	16.1444, 26.0382, 23.9137
YIQ	110.6980, -76.7440, -40.9040

Conversions

Conversions Part 2

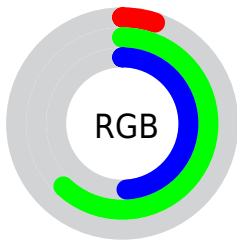
Format	Color
R_{YB}	12, 94, 158
Decimal	827006
CIE _{Lab}	58.07, -42.38, 7.04
CIE _{LCh}	58, 42.958, 170.561
Yxy	26.0382, 0.2443, 0.3939
Android (android.graphics.Color)	4279017086 (0xFF0C9E7E)
YUV	110.6980, 7.5439, -86.5581
Hunter-Lab	51.0277, -32.8238, 7.9337

Details

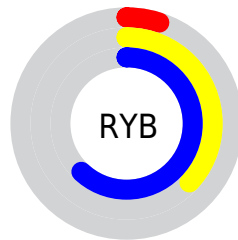
The Hex color **0C9E7E** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9E0C2C**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **5CD5B3**, and **00694D** is the 20% darker color. If you saturate the color by 10%, you get **009E7B**, and if you desaturate by 10%, it is **1C9E81**.

Distribution



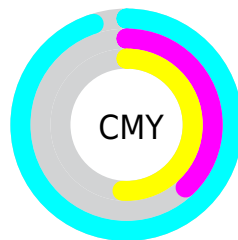
- Red (5%)
- Green (62%)
- Blue (49%)



- Red (5%)
- Yellow (37%)
- Blue (62%)



- Cyan (92%)
- Magenta (0%)
- Yellow (20%)
- Black (38%)



- Cyan (95%)
- Magenta (38%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C9E7E 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 0C9E7E by changing the saturation by 10% instead.

 0C9E7E

 0C9E7E

FFFFFF

 008365

 5CD5B3

 00694D

 7AF2CE

 005036

 97FFEA

 003821

 B5FFFF

 00230B

 D2FFFF

 000000

 F0FFFF

 0C9E7E

 0C9E7E

 009E7B

 1C9E81

 2C9E85

 3B9E88

 4B9E8C

 5B9E8F

 6B9E93

 7B9E96

 8A9E9A

 9A9E9D

Harmonies

Analogous

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



5C9A5A



0C9E7E



009FA5

Triad

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



0C9E7E



7B86D2



C77853

Complementary

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



0C9E7E



9E0C2C

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.



D26D73



0C9E7E



AE78BC

Square

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



0C9E7E



2293D5



CB6D99



AC8540

Rectangle

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



0C9E7E



009DBB



CB6D99



CC735D

Sweetspot

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



0C9E7E



95CFC2



2E9E0C



456961



E8E8E8



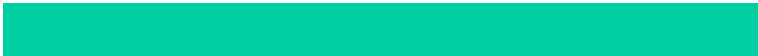
696969

Same Dimension

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



0C9E7E



00CFA1



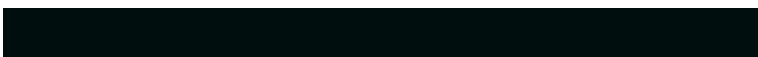
0C779E



474F4D



008F70



000F0C

Inverse Universe

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



9E0C2C



CF002D



9E330C



4F4749



8F001F



0F0003

Previews

White Background



This preview shows how the Hex color 0C9E7E looks on a white background.

Color Contrast Check

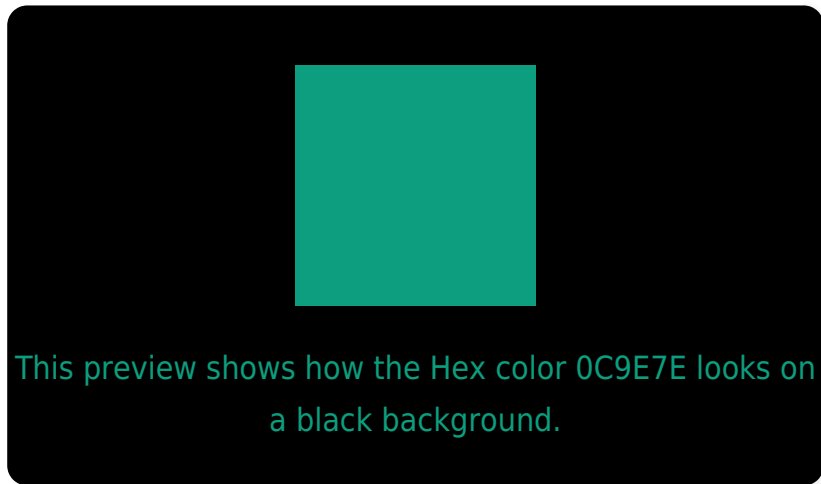
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

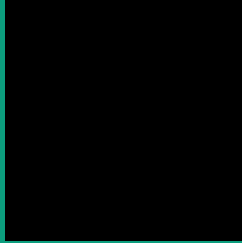
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 0C9E7E Background



This preview shows how black text looks on a background with the Hex color 0C9E7E.

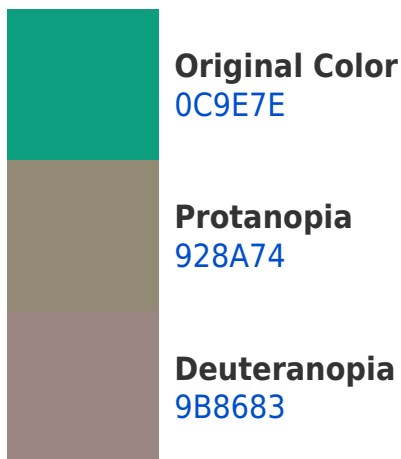


This preview shows how white text looks on a background with the Hex color 0C9E7E.

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](#).

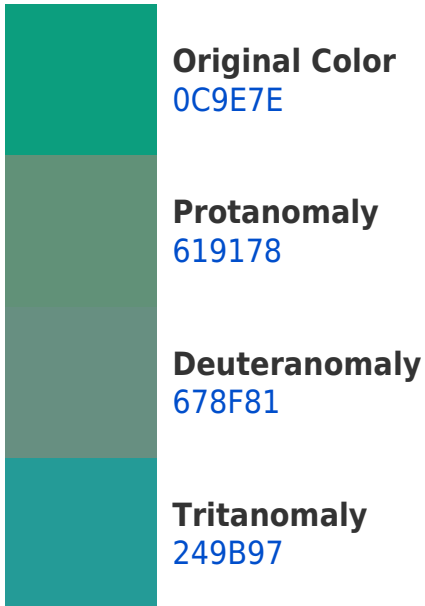
Dichromacy





Tritanopia
3199A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0C9E7E 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 #0C9E7E looks like.

```
.text, #text, p{  
    color:#0C9E7E  
}
```

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 #0C9E7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C9E7E
}
```

Border

The CSS property to change the border of an element to Hex 0C9E7E 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
#0C9E7E }
```

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

```
.border{ border-color:#0C9E7E }
```

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

Here you see how a box with a 4 pixel #0C9E7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C9E7E; -webkit-box-shadow:4px 4px  
4px 4px #0C9E7E; box-shadow:4px 4px 4px  
4px #0C9E7E }
```

Background

The CSS property to change the background color of an element to Hex 0C9E7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C9E7E }
```

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

```
.background{ background-color:#0C9E7E }
```

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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