

Converting Colors

Hex(0E9F7D)

Have a look what the booklet for
Hex(0E9F7D) contains.

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Color

Hex(0E9F7D)

Conversions

Conversions Part 1

Format	Color
Hex	0E9F7D
RGB	14, 159, 125
RGB Percent	5%, 62%, 49%
CMY	0.9451, 0.3765, 0.5098
CMYK	0.91, 0.00, 0.21, 0.38
HSL	166°, 84%, 34%
HSV	166°, 91%, 62%
XYZ	16.2809, 26.3703, 23.6339
YIQ	111.7690, -75.5060, -41.3140

Conversions

Conversions Part 2

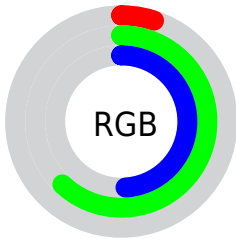
Format	Color
R_{YB}	14, 96, 159
Decimal	958333
CIE _{Lab}	58.39, -42.95, 8.06
CIE _{LCh}	58, 43.699, 169.374
Yxy	26.3703, 0.2456, 0.3978
Android (android.graphics.Color)	4279148413 (0xFF0E9F7D)
YUV	111.7690, 6.5229, -85.7434
Hunter-Lab	51.3520, -33.2735, 8.6592

Details

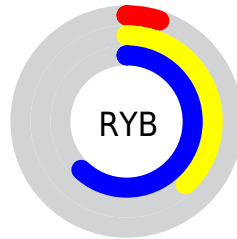
The Hex color **0E9F7D** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9F0E30**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **5CD7B2**, and **006A4C** is the 20% darker color. If you saturate the color by 10%, you get **009F7A**, and if you desaturate by 10%, it is **1E9F81**.

Distribution



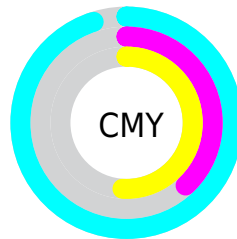
- Red (5%)
- Green (62%)
- Blue (49%)



- Red (5%)
- Yellow (38%)
- Blue (62%)



- Cyan (91%)
- Magenta (0%)
- Yellow (21%)
- Black (38%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 0E9F7D 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 0E9F7D by changing the saturation by 10% instead.

 0E9F7D

 0E9F7D

FFFFFF

 008464

 5CD7B2

 006A4C

 7AF3CD

 005135

 98FFE9

 003920

 B5FFFF

 002409

 D3FFFF

 000000

 F1FFFF

 0E9F7D

 0E9F7D

 009F7A

 1E9F81

 2E9F84

 3E9F88

 4E9F8C

 5E9F90

 6D9F93

 7D9F97

 8D9F9B

 9D9F9F

Harmonies

Analogous

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



5E9A59



0E9F7D



00A0A5

Triad

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



0E9F7D



7988D5



C97754

Complementary

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



0E9F7D



9F0E30

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.



D56D75



0E9F7D



AE79BF

Square

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



0E9F7D



1394D7



CC6E9C



AF8640

Rectangle

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



0E9F7D



009EBC



CC6E9C



CF735E

Sweetspot

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



0E9F7D



97CFC1



329F0E



476961



E8E8E8



696969

Same Dimension

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



0E9F7D



00CF9E



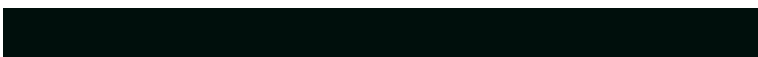
0E7B9F



474F4D



008F6D



000F0C

Inverse Universe

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



9F0E30



CF0030



9F320E



4F4749



8F0021



0F0004

Previews

White Background



This preview shows how the Hex color 0E9F7D looks on a white background.

Color Contrast Check

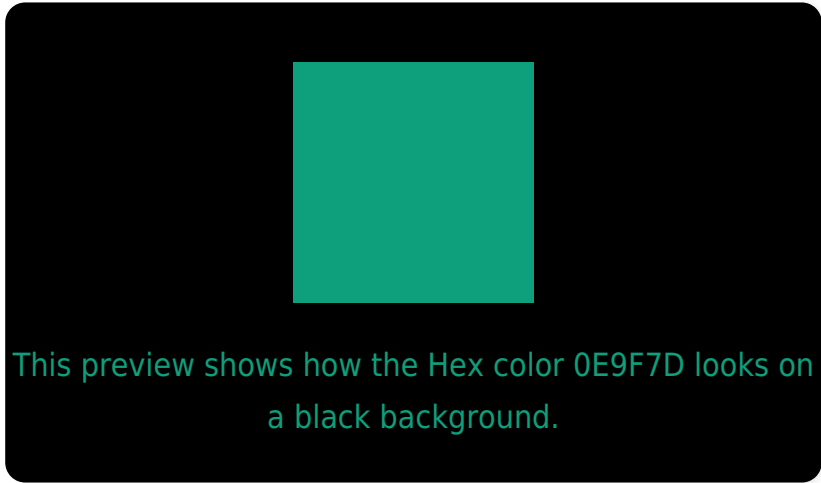
Large Text (above 18pt) WCAG AA ✓ Pass

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

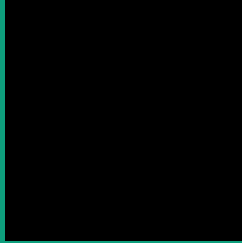
Any Text WCAG AA ✓ Pass

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 0E9F7D Background



This preview shows how black text looks on a background with the Hex color 0E9F7D.

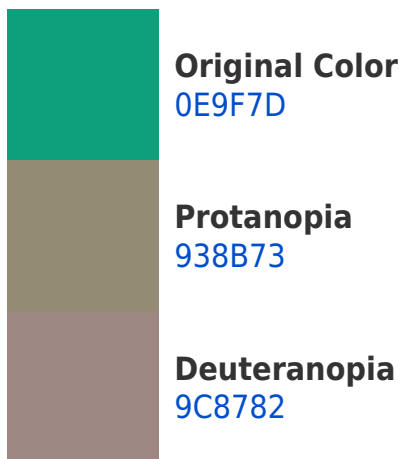


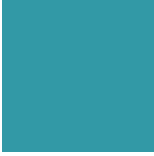
This preview shows how white text looks on a background with the Hex color 0E9F7D.

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
3299A6

Trichromacy



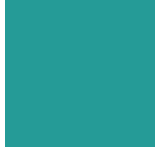
Original Color
0E9F7D



Protanomaly
639277



Deuteranomaly
689080



Tritanomaly
259B97

Monochromacy



Original Color
0E9F7D



Achromatopsia
707070



Achromatomaly
4C8175

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E9F7D 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 #0E9F7D looks like.

```
.text, #text, p{  
    color:#0E9F7D  
}
```

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 #0E9F7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E9F7D
}
```

Border

The CSS property to change the border of an element to Hex 0E9F7D 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
#0E9F7D }
```

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

```
.border{ border-color:#0E9F7D }
```

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

Here you see how a box with a 4 pixel #0E9F7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E9F7D; -webkit-box-shadow:4px 4px  
4px 4px #0E9F7D; box-shadow:4px 4px 4px  
4px #0E9F7D }
```

Background

The CSS property to change the background color of an element to Hex 0E9F7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E9F7D }
```

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

```
.background{ background-color:#0E9F7D }
```

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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