

# Converting Colors

Hex(0F947E)

Have a look what the booklet for  
Hex(0F947E) contains.

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# Color

Hex(0F947E)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 0F947E                       |
| RGB         | 15, 148, 126                 |
| RGB Percent | 6%, 58%, 49%                 |
| CMY         | 0.9412, 0.4196, 0.5059       |
| CMYK        | 0.90, 0.00, 0.15, 0.42       |
| HSL         | 170°, 82%, 32%               |
| HSV         | 170°, 90%, 58%               |
| XYZ         | 14.5528, 22.7877, 23.3701    |
| YIQ         | 105.7250, -72.2060, -35.0380 |

# Conversions

## Conversions Part 2

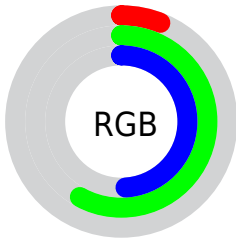
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 15, 87, 148                   |
| Decimal                             | 1021054                       |
| CIELab                              | 54.85, -37.91, 2.41           |
| CIELCh                              | 55, 37.989, 176.357           |
| Yxy                                 | 22.7877, 0.2397,<br>0.3753    |
| Android<br>(android.graphics.Color) | 4279211134<br>(0xFF0F947E)    |
| YUV                                 | 105.7250, 9.9956,<br>-79.5658 |
| Hunter-Lab                          | 47.7365, -29.1219,<br>4.3892  |

# Details

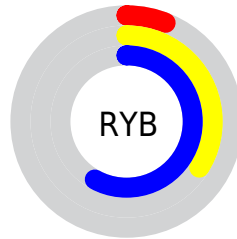
The Hex color **0F947E** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **940F25**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **5ACBB3**, and **00604D** is the 20% darker color. If you saturate the color by 10%, you get **00947C**, and if you desaturate by 10%, it is **1E9480**.

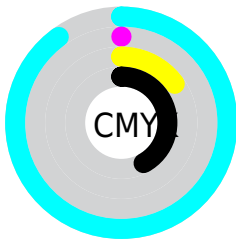
# Distribution



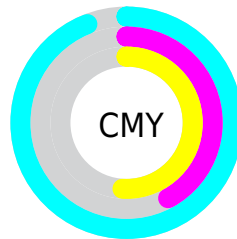
- Red (6%)
- Green (58%)
- Blue (49%)



- Red (6%)
- Yellow (34%)
- Blue (58%)



- Cyan (90%)
- Magenta (0%)
- Yellow (15%)
- Black (42%)



- Cyan (94%)
- Magenta (42%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F947E 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 0F947E by changing the saturation by 10% instead.



 0F947E

 0F947E

FFFFFF

 007A65

 5ACBB3

 00604D

 78E7CE

 004836

 95FEEA

 003021

 B2FFFF

 001A0B

 CFFFFFF

 000000

 EDFFFF

 0F947E

 0F947E

 00947C

 1E9480

 2D9483

 3B9485

 4A9488

 59948A

 68948D

 77948F

 859492

 949494

# Harmonies

## Analogous

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



52915E



0F947E



00949F

# Triad

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



0F947E



807CBE



B4744D

# Complementary

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



0F947E



940F25

# 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.



C16B68



0F947E



A870A8

# Square

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



0F947E



4388C5



BE6989



9B8040

# Rectangle

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



0F947E



0092B2



BE6989



BA7055



# Sweetspot

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



0F947E



8CBFB7



25940F



42615C



E0E0E0



616161



# Same Dimension

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



0F947E



00BFA0



0F6894



434A49



008A73



000A09



# Inverse Universe

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



940F25



BF0020



943B0F



4A4344



8A0017



0A0002



# Previews

## White Background



This preview shows how the Hex color 0F947E 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

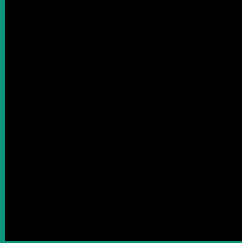
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0F947E Background



This preview shows how black text looks on a background with the Hex color 0F947E.

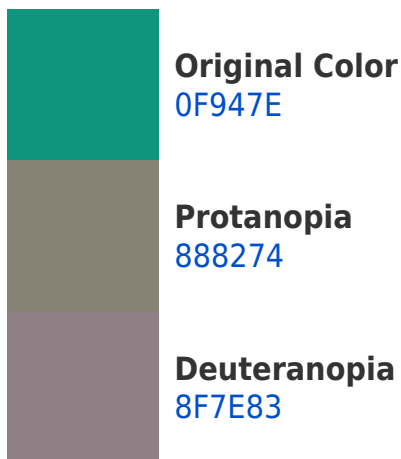


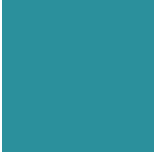
This preview shows how white text looks on a background with the Hex color 0F947E.

# 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**  
2B909C

# Trichromacy



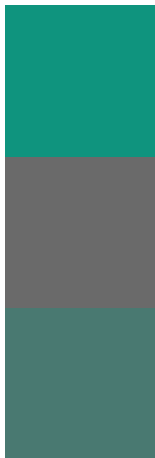
**Original Color**  
0F947E

**Protanomaly**  
5C8978

**Deuteranomaly**  
608681

**Tritanomaly**  
219191

# Monochromacy



**Original Color**  
0F947E

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
497971

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F947E 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 #0F947E looks like.

```
.text, #text, p{  
    color:#0F947E  
}
```

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 #0F947E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F947E
}
```

## Border

The CSS property to change the border of an element to Hex 0F947E 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
#0F947E }
```

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

```
.border{ border-color:#0F947E }
```

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

Here you see how a box with a 4 pixel #0F947E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F947E; -webkit-box-shadow:4px 4px  
4px 4px #0F947E; box-shadow:4px 4px 4px  
4px #0F947E }
```

# Background

The CSS property to change the background color of an element to Hex 0F947E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F947E }
```

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

```
.background{ background-color:#0F947E }
```

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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