

# Converting Colors

Hex(097D70)

Have a look what the booklet for  
Hex(097D70) contains.

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# Color

**Hex(097D70)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 097D70                      |
| RGB           | 9, 125, 112                 |
| RGB Percent   | 4%, 49%, 44%                |
| CMY           | 0.9647, 0.5098, 0.5608      |
| CMYK          | 0.93, 0.00, 0.10, 0.51      |
| HSL           | 173°, 87%, 26%              |
| HSV           | 173°, 93%, 49%              |
| XYZ           | 10.3709, 15.8952, 17.8507   |
| YIQ           | 88.8340, -64.9630, -28.6350 |

# Conversions

## Conversions Part 2

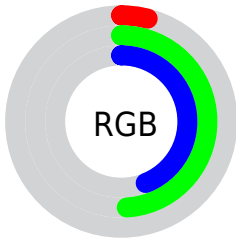
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 9, 70, 125                    |
| Decimal                             | 621936                        |
| CIELab                              | 46.84, -31.92, -1.12          |
| CIELCh                              | 47, 31.942, 182.014           |
| Yxy                                 | 15.8952, 0.2351,<br>0.3603    |
| Android<br>(android.graphics.Color) | 4278812016<br>(0xFF097D70)    |
| YUV                                 | 88.8340, 11.4208,<br>-70.0144 |
| Hunter-Lab                          | 39.8687, -23.3378,<br>1.3618  |

# Details

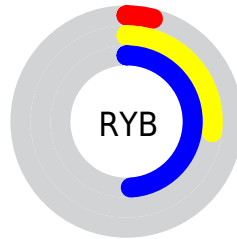
The Hex color **097D70** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7D0916**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **52B2A4**, and **004B40** is the 20% darker color. If you saturate the color by 10%, you get **007D6F**, and if you desaturate by 10%, it is **157D71**.

# Distribution



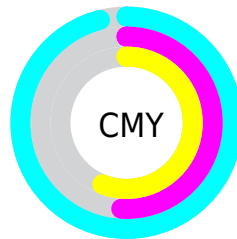
- Red (4%)
- Green (49%)
- Blue (44%)



- Red (4%)
- Yellow (27%)
- Blue (49%)



- Cyan (93%)
- Magenta (0%)
- Yellow (10%)
- Black (51%)



- Cyan (96%)
- Magenta (51%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 097D70 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 097D70 by changing the saturation by 10% instead.



 097D70

 097D70

FFFFFF

 006458

 52B2A4

 004B40

 6FCEBF

 00342A

 8BEADA

 002016

 A8FFF7

 000000

 C4FFFF

 E2FFFF

 097D70

 097D70

 007D6F

 157D71

■ 227D73

■ 2E7D74

■ 3B7D76

■ 477D77

■ 547D78

■ 607D7A

■ 6D7D7B

■ 797D7D

# Harmonies

## Analogous

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



417B55



097D70



007C8B

# Triad

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



097D70



74679D



946540

# Complementary

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



097D70



7D0916

# 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.



A15C54



097D70



925E89

# Square

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



097D70



4871A4



A1596E



7E6E38

# Rectangle

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



097D70



007A99



A1596E



996146



# Sweetspot

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



097D70



76A39E



177D09



36524E



D1D1D1



525252



# Same Dimension

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



097D70



00A391



09517D



39403F



008071



000000



# Inverse Universe

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



7D0916



A30012



7D3509



40393A



80000E



000000



# Previews

## White Background



This preview shows how the Hex color 097D70 looks on a white background.

## Color Contrast Check

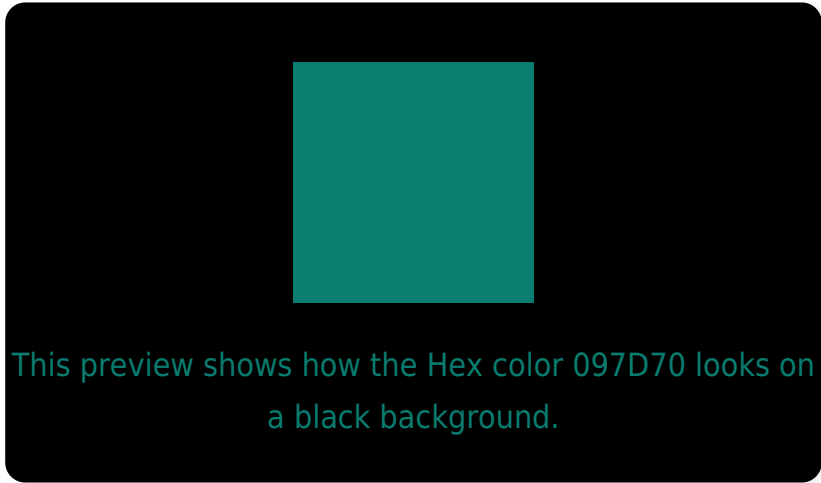
Large Text (above 18pt) WCAG AA ✓ Pass

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

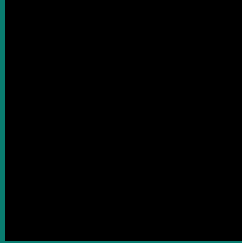
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 097D70 Background



This preview shows how black text looks on a background with the Hex color 097D70.

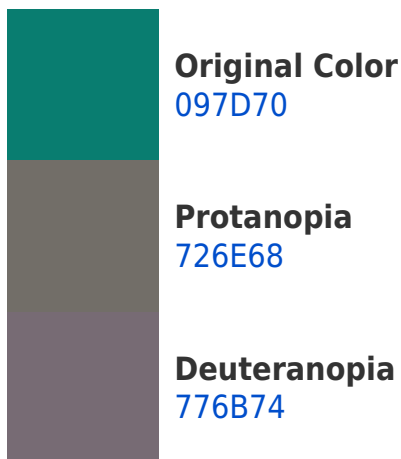


This preview shows how white text looks on a background with the Hex color 097D70.

# 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**  
217A84

# Trichromacy



**Original Color**  
097D70



**Protanomaly**  
4C736B



**Deuteranomaly**  
4F7273



**Tritanomaly**  
187B7D

# Monochromacy



**Original Color**  
097D70



**Achromatopsia**  
595959



**Achromatomaly**  
3C6661

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 097D70 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 #097D70 looks like.

```
.text, #text, p{  
    color:#097D70  
}
```

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 #097D70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #097D70
}
```

## Border

The CSS property to change the border of an element to Hex 097D70 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
#097D70 }
```

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

```
.border{ border-color:#097D70 }
```

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

Here you see how a box with a 4 pixel #097D70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #097D70; -webkit-box-shadow:4px 4px  
4px 4px #097D70; box-shadow:4px 4px 4px  
4px #097D70 }
```

# Background

The CSS property to change the background color of an element to Hex 097D70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#097D70 }
```

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

```
.background{ background-color:#097D70 }
```

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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