

# Converting Colors

Hex(097D7B)

Have a look what the booklet for  
Hex(097D7B) contains.

<b>Hex(097D7B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(097D7B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	097D7B
RGB	9, 125, 123
RGB Percent	4%, 49%, 48%
CMY	0.9647, 0.5098, 0.5176
CMYK	0.93, 0.00, 0.02, 0.51
HSL	179°, 87%, 26%
HSV	179°, 93%, 49%
XYZ	11.0214, 16.1554, 21.2763
YIQ	90.0880, -68.4940, -25.2140

# Conversions

## Conversions Part 2

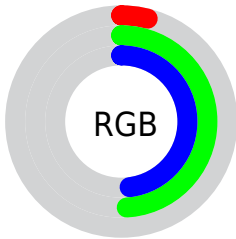
<b>Format</b>	<b>Color</b>
<b>RYB</b>	9, 68, 125
Decimal	621947
CIELab	47.18, -28.50, -7.13
CIELCh	47, 29.376, 194.049
Yxy	16.1554, 0.2275, 0.3334
Android (android.graphics.Color)	4278812027 (0xFF097D7B)
YUV	90.0880, 16.2256, -71.1142
Hunter-Lab	40.1937, -21.3930, -3.2492

# Details

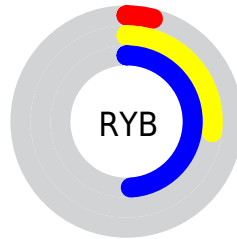
The Hex color **097D7B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7D090B**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **53B2AF**, and **004B4A** is the 20% darker color. If you saturate the color by 10%, you get **007D7B**, and if you desaturate by 10%, it is **157D7B**.

# Distribution



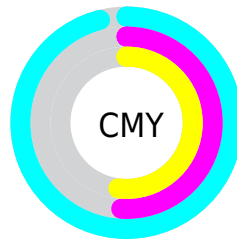
- Red (4%)
- Green (49%)
- Blue (48%)



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



- Cyan (93%)
- Magenta (0%)
- Yellow (2%)
- Black (51%)



- Cyan (96%)
- Magenta (51%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 097D7B 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 097D7B by changing the saturation by 10% instead.



 097D7B

 097D7B

FFFFFF

 006462

 53B2AF

 004B4A

 70CECB

 003434

 8DEAE7

 00211F

 A9FFFF

 000006

 C6FFFF

 000000

 E4FFFF

 097D7B

 097D7B

 007D7B

 157D7B

■ 227D7B

■ 2E7D7C

■ 3B7D7C

■ 477D7C

■ 547D7C

■ 607D7D

■ 6D7D7D

■ 797D7D

# Harmonies

## Analogous

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



397C61



097D7B



007B91

# Triad

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



097D7B



816594



8B6A40

# Complementary

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



097D7B



7D090B

# 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.



9B614F



097D7B



985E7E

# Square

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



097D7B



5F6EA0



A05D65



74723F

# Rectangle

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



097D7B



1F789C



A05D65



916744



# Sweetspot

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



097D7B



76A3A2



0D7D09



365251



D1D1D1



525252



# Same Dimension

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



097D7B



00A3A0



09477D



394040



00807D



000000



# Inverse Universe

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



7D090B



A30003



7D3F09



403939



800002



000000



# Previews

## White Background



This preview shows how the Hex color 097D7B 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



This preview shows how the Hex color 097D7B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

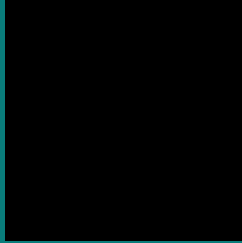
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 097D7B Background



This preview shows how black text looks on a background with the Hex color 097D7B.

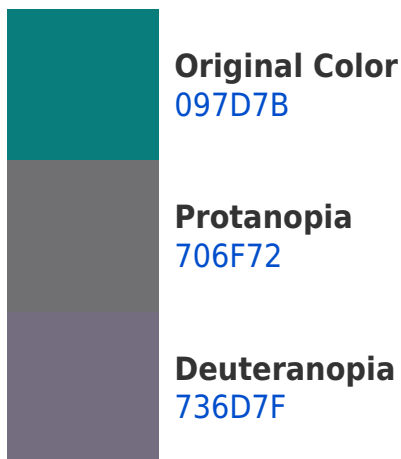


This preview shows how white text looks on a background with the Hex color 097D7B.

# 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**  
1A7B85

# Trichromacy



**Original Color**  
097D7B



**Protanomaly**  
4B7475



**Deuteranomaly**  
4C737E



**Tritanomaly**  
147C81

# Monochromacy



**Original Color**  
097D7B



**Achromatopsia**  
5A5A5A



**Achromatomaly**  
3D6766

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 097D7B 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 #097D7B looks like.

```
.text, #text, p{  
    color:#097D7B  
}
```

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 #097D7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #097D7B
}
```

## Border

The CSS property to change the border of an element to Hex 097D7B 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
#097D7B }
```

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

```
.border{ border-color:#097D7B }
```

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

Here you see how a box with a 4 pixel #097D7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #097D7B; -webkit-box-shadow:4px 4px  
4px 4px #097D7B; box-shadow:4px 4px 4px  
4px #097D7B }
```

# Background

The CSS property to change the background color of an element to Hex 097D7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#097D7B }
```

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

```
.background{ background-color:#097D7B }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor