

# Converting Colors

Hex(00957F)

Have a look what the booklet for  
Hex(00957F) contains.

<b>Hex(00957F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(00957F)

# Conversions

## Conversions Part 1

Format	Color
Hex	00957F
RGB	0, 149, 127
RGB Percent	0%, 58%, 50%
CMY	1.0000, 0.4157, 0.5020
CMYK	1.00, 0.00, 0.15, 0.42
HSL	171°, 100%, 29%
HSV	171°, 100%, 58%
XYZ	14.5782, 23.0272, 23.7550
YIQ	101.9410, -81.7420, -38.4300

# Conversions

## Conversions Part 2

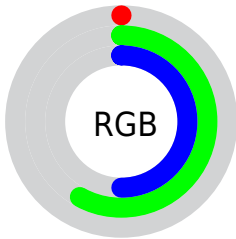
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 80, 149
Decimal	38271
CIELab	55.10, -38.82, 2.19
CIElCh	55, 38.884, 176.777
Yxy	23.0272, 0.2376, 0.3753
Android (android.graphics.Color)	4278228351 (0xFF00957F)
YUV	101.9410, 12.3541, -89.4023
Hunter-Lab	47.9867, -29.7489, 4.2401

# Details

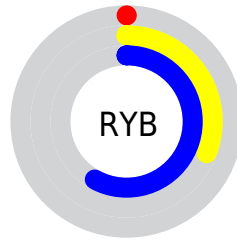
The Hex color **00957F** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **950016**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **57CCB4**, and **00614E** is the 20% darker color. If you saturate the color by 10%, you get **00957F**, and if you desaturate by 10%, it is **0F9581**.

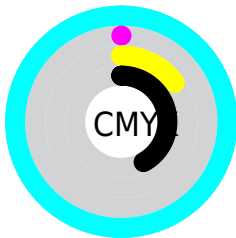
# Distribution



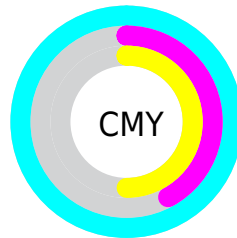
- Red (0%)
- Green (58%)
- Blue (50%)



- Red (0%)
- Yellow (31%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (42%)




- Cyan (100%)
- Magenta (42%)
- Yellow (50%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 00957F 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 00957F by changing the saturation by 10% instead.



 00957F

 00957F

FFFFFF

 007B66

 57CCB4

 00614E

 75E8CF

 004937


 92FFEB

 003122

 B0FFFF

 001B0C

 CDFFFF

 000000

 EBFFFF

 00957F

 0F9581

 1E9583

 2D9586

 3C9588

 4B958A

 59958C

 68958E

 779591

 869593

# Harmonies

## Analogous

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



51925E



00957F



0095A1

# Triad

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



00957F



817DC0



B5754C

# Complementary

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



00957F



950016

# 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.



C36B67



00957F



AA70A9

# Square

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



00957F



4288C7



C06889



9C813F

# Rectangle

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



00957F



0093B4



C06889



BB7154



# Sweetspot

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



00957F



88C2B9



169500



3E615C



E0E0E0



616161



# Same Dimension

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



00957F



00C2A5



006195



434A49



008A75



000A09



# Inverse Universe

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



950016



C2001D



953400



4A4344



8A0014



0A0002



# Previews

## White Background



This preview shows how the Hex color 00957F looks on a white background.

## Color Contrast Check

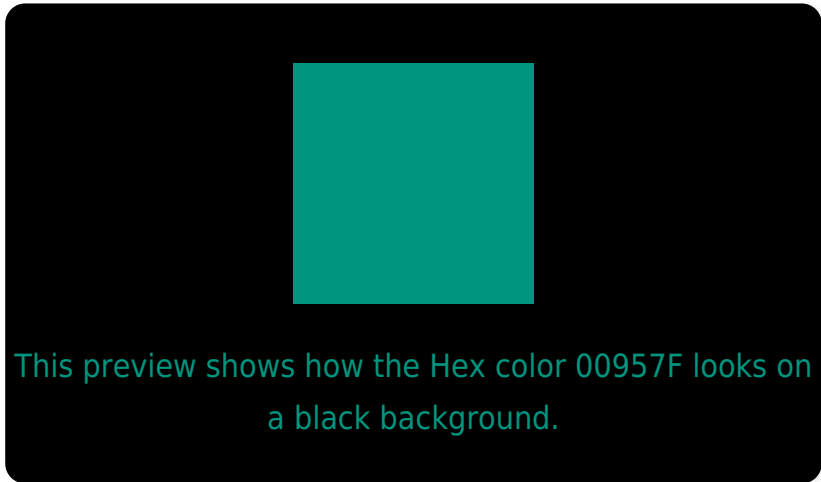
Large Text (above 18pt) WCAG AA ✓ Pass

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

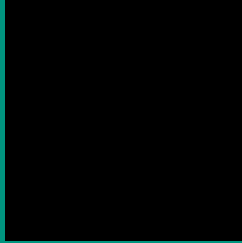
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 00957F Background



This preview shows how black text looks on a background with the Hex color 00957F.

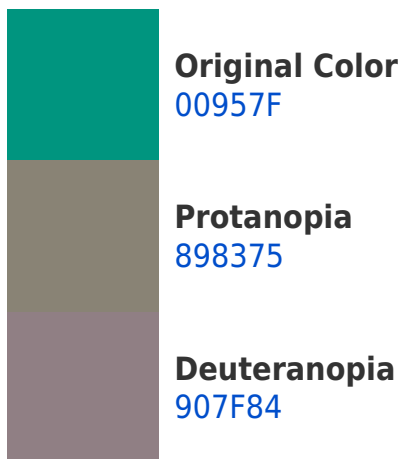


This preview shows how white text looks on a background with the Hex color 00957F.

# 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**  
2A919D

# Trichromacy



**Original Color**  
00957F



**Protanomaly**  
578A79



**Deuteranomaly**  
5C8782



**Tritanomaly**  
1B9292

# Monochromacy



**Original Color**  
00957F



**Achromatopsia**  
666666



**Achromatomaly**  
41776F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00957F 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 #00957F looks like.

```
.text, #text, p{  
    color:#00957F  
}
```

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 #00957F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00957F
}
```

## Border

The CSS property to change the border of an element to Hex 00957F 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
#00957F }
```

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

```
.border{ border-color:#00957F }
```

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

Here you see how a box with a 4 pixel #00957F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00957F; -webkit-box-shadow:4px 4px  
4px 4px #00957F; box-shadow:4px 4px 4px  
4px #00957F }
```

# Background

The CSS property to change the background color of an element to Hex 00957F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00957F }
```

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

```
.background{ background-color:#00957F }
```

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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