

Converting Colors

Hex(00997C)

Have a look what the booklet for
Hex(00997C) contains.

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Color

Hex(00997C)

Conversions

Conversions Part 1

Format	Color
Hex	00997C
RGB	0, 153, 124
RGB Percent	0%, 60%, 49%
CMY	1.0000, 0.4000, 0.5137
CMYK	1.00, 0.00, 0.19, 0.40
HSL	169°, 100%, 30%
HSV	169°, 100%, 60%
XYZ	15.0293, 24.2377, 22.9550
YIQ	103.9470, -81.8790, -41.4550

Conversions

Conversions Part 2

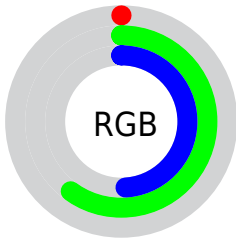
Format	Color
RYB	0, 85, 153
Decimal	39292
CIELab	56.33, -41.37, 5.66
CIELCh	56, 41.754, 172.203
Yxy	24.2377, 0.2415, 0.3895
Android (android.graphics.Color)	4278229372 (0xFF00997C)
YUV	103.9470, 9.8861, -91.1615
Hunter-Lab	49.2318, -31.6638, 6.8175

Details

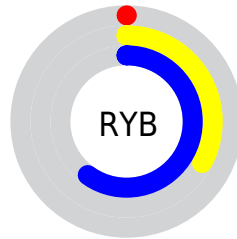
The Hex color **00997C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **99001D**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **58D0B0**, and **00654B** is the 20% darker color. If you saturate the color by 10%, you get **00997C**, and if you desaturate by 10%, it is **0F997F**.

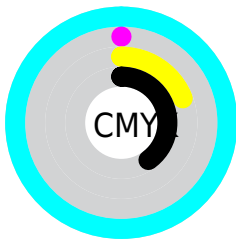
Distribution



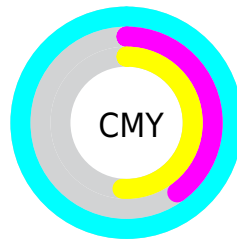
- Red (0%)
- Green (60%)
- Blue (49%)



- Red (0%)
- Yellow (33%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00997C 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 00997C by changing the saturation by 10% instead.

 00997C

 00997C

FFFFFF

 007E63

 58D0B0

 00654B

 76EDCC

 004C35

 93FFE8

 00341F

 B1FFFF

 001E08

 CEFFFF

 000000

 ECFFFF

 00997C

 0F997F

 1F9982

 2E9985

 3D9988

 4D998B

 5C998D

 6B9990

 7A9993

 8A9996

Harmonies

Analogous

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



579559



00997C



0099A1

Triad

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



00997C



7B81CA



BF744F

Complementary

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



00997C



99001D

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.



CB6A6E



00997C



AB73B4

Square

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



00997C



2A8ECF



C66A92



A5823D

Rectangle

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



00997C



0097B7



C66A92



C57058

Sweetspot

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



00997C



8BC7BC



1F9900



40635D



E3E3E3



636363

Same Dimension

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



00997C



00C7A1



006B99



454D4B



008C72



000D0A

Inverse Universe

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



99001D



C70026



992E00



4D4546



8C001B



0D0002

Previews

White Background



This preview shows how the Hex color 00997C looks on a white background.

Color Contrast Check

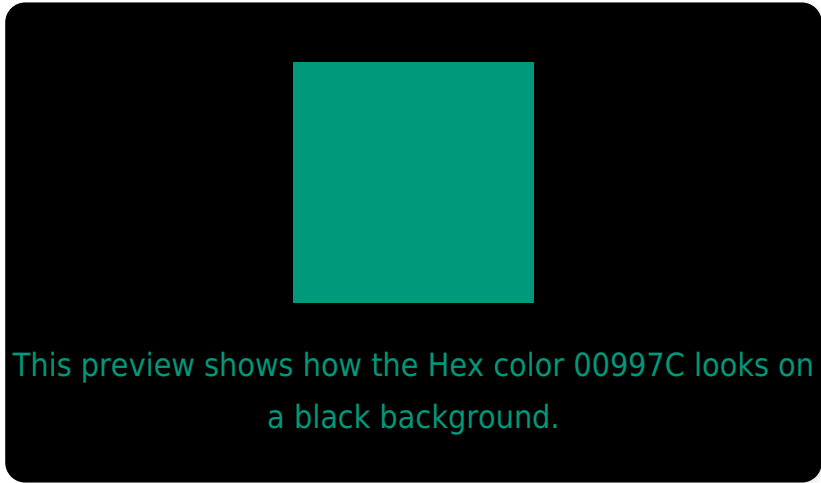
Large Text (above 18pt) WCAG AA ✓ Pass

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

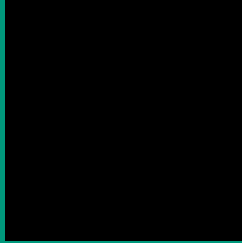
Any Text WCAG AA ✓ Pass

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 00997C Background



This preview shows how black text looks on a background with the Hex color 00997C.

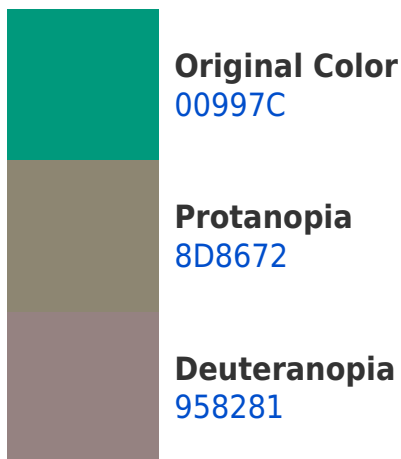


This preview shows how white text looks on a background with the Hex color 00997C.

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
2D94A0

Trichromacy



Original Color
00997C



Protanomaly
5A8D76



Deuteranomaly
5F8A7F



Tritanomaly
1D9693

Monochromacy



Original Color
00997C



Achromatopsia
686868



Achromatomaly
427A6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00997C 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 #00997C looks like.

```
.text, #text, p{  
    color:#00997C  
}
```

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 #00997C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00997C
}
```

Border

The CSS property to change the border of an element to Hex 00997C 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
#00997C }
```

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

```
.border{ border-color:#00997C }
```

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

Here you see how a box with a 4 pixel #00997C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00997C; -webkit-box-shadow:4px 4px  
4px 4px #00997C; box-shadow:4px 4px 4px  
4px #00997C }
```

Background

The CSS property to change the background color of an element to Hex 00997C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00997C }
```

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

```
.background{ background-color:#00997C }
```

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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