

Converting Colors

Hex(00977D)

Have a look what the booklet for
Hex(00977D) contains.

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Color

Hex(00977D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 00977D |
| RGB | 0, 151, 125 |
| RGB Percent | 0%, 59%, 49% |
| CMY | 1.0000, 0.4078, 0.5098 |
| CMYK | 1.00, 0.00, 0.17, 0.41 |
| HSL | 170°, 100%, 30% |
| HSV | 170°, 100%, 59% |
| XYZ | 14.7683, 23.6139, 23.1816 |
| YIQ | 102.8870, -81.6500, -40.0980 |

Conversions

Conversions Part 2

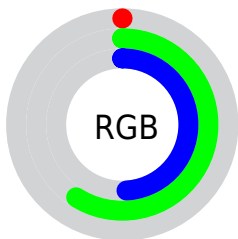
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 83, 151 |
| Decimal | 38781 |
| CIELab | 55.70, -40.25, 4.20 |
| CIELCh | 56, 40.463, 174.049 |
| Yxy | 23.6139, 0.2399, 0.3836 |
| Android (android.graphics.Color) | 4278228861 (0xFF00977D) |
| YUV | 102.8870, 10.9017, -90.2319 |
| Hunter-Lab | 48.5941, -30.7916, 5.7319 |

Details

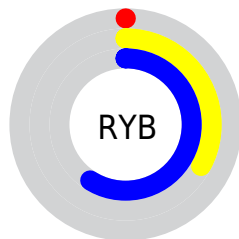
The Hex color **00977D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **97001A**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **57CEB2**, and **00634C** is the 20% darker color. If you saturate the color by 10%, you get **00977D**, and if you desaturate by 10%, it is **0F9780**.

Distribution



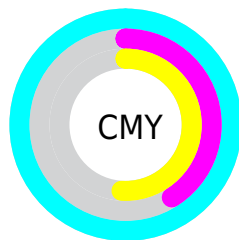
- Red (0%)
- Green (59%)
- Blue (49%)



- Red (0%)
- Yellow (33%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (17%)
- Black (41%)



- Cyan (100%)
- Magenta (41%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00977D 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 00977D by changing the saturation by 10% instead.

 00977D

 00977D

FFFFFF

 007D64

 57CEB2

 00634C

 75EBCD

 004A36

 93FFE9

 003320

 B0FFFF

 001D09

 CEFFFF

 000000

 EBFFFF

 00977D

 0F9780

 1E9782

 2D9785

 3C9787

 4C978A

 5B978D

 6A978F

 799792

 889794

Harmonies

Analogous

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



54935B



00977D



0097A1

Triad

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



00977D



7D7FC6



BB744E

Complementary

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



00977D



97001A

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.



C76A6B



00977D



AA72AF

Square

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



00977D



368BCB



C3698E



A1813E

Rectangle

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



00977D



0095B5



C3698E



C17056

Sweetspot

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



00977D



89C4BA



1C9700



40635D



E3E3E3



636363

Same Dimension

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



00977D



00C4A3



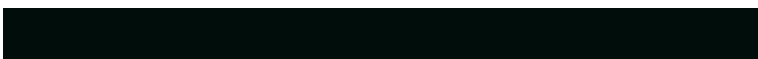
006797



454D4B



008C74



000D0B

Inverse Universe

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



97001A



C40022



973000



4D4546



8C0018



0D0002

Previews

White Background



This preview shows how the Hex color 00977D 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

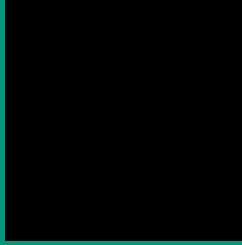
Any Text WCAG AA ✓ Pass

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 00977D Background



This preview shows how black text looks on a background with the Hex color 00977D.

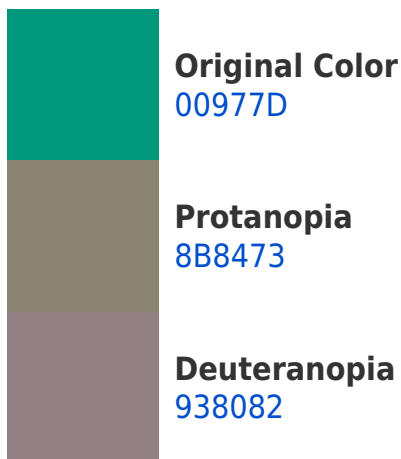


This preview shows how white text looks on a background with the Hex color 00977D.

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
2C929E

Trichromacy



Original Color
00977D



Protanomaly
588B77



Deuteranomaly
5E8880



Tritanomaly
1C9492

Monochromacy



Original Color
00977D



Achromatopsia
676767



Achromatomaly
42786F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00977D 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 #00977D looks like.

```
.text, #text, p{  
    color:#00977D  
}
```

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 #00977D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00977D
}
```

Border

The CSS property to change the border of an element to Hex 00977D 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
#00977D }
```

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

```
.border{ border-color:#00977D }
```

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

Here you see how a box with a 4 pixel #00977D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00977D; -webkit-box-shadow:4px 4px  
4px 4px #00977D; box-shadow:4px 4px 4px  
4px #00977D }
```

Background

The CSS property to change the background color of an element to Hex 00977D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00977D }
```

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

```
.background{ background-color:#00977D }
```

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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