

# Converting Colors

Hex(07977C)

Have a look what the booklet for  
Hex(07977C) contains.

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# Color

Hex(07977C)

# Conversions

## Conversions Part 1

Format	Color
Hex	07977C
RGB	7, 151, 124
RGB Percent	3%, 59%, 49%
CMY	0.9725, 0.4078, 0.5137
CMYK	0.95, 0.00, 0.18, 0.41
HSL	169°, 91%, 31%
HSV	169°, 95%, 59%
XYZ	14.7923, 23.6336, 22.8509
YIQ	104.8660, -77.1570, -38.9250

# Conversions

## Conversions Part 2

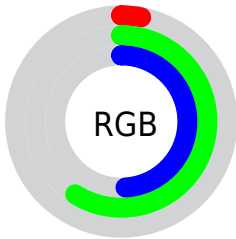
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 86, 151
Decimal	497532
CIELab	55.72, -40.19, 4.80
CIElCh	56, 40.471, 173.188
Yxy	23.6336, 0.2414, 0.3857
Android (android.graphics.Color)	4278687612 (0xFF07977C)
YUV	104.8660, 9.4331, -85.8285
Hunter-Lab	48.6144, -30.7615, 6.1612

# Details

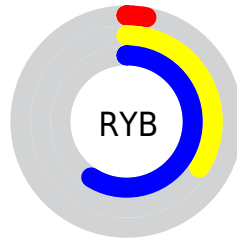
The Hex color **07977C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **970722**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **59CEB0**, and **00634B** is the 20% darker color. If you saturate the color by 10%, you get **00977B**, and if you desaturate by 10%, it is **16977F**.

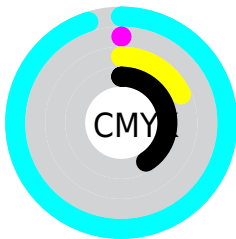
# Distribution



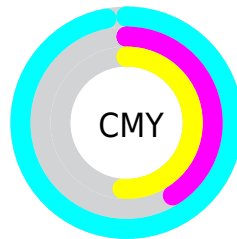
- Red (3%)
- Green (59%)
- Blue (49%)



- Red (3%)
- Yellow (34%)
- Blue (59%)



- Cyan (95%)
- Magenta (0%)
- Yellow (18%)
- Black (41%)



- Cyan (97%)
- Magenta (41%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 07977C 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 07977C by changing the saturation by 10% instead.



 07977C

 07977C

FFFFFF


 007D63

 59CEB0

 00634B

 77EBCC

 004A35

 94FFE8

 00331F

 B1FFFF

 001D08

 CFFFFFF

 000000

 EDFFFF

 07977C

 07977C

 00977B

 16977F

■ 259782

■ 349784

■ 439787

■ 53978A

■ 62978D

■ 719790

■ 809793

■ 8F9795

# Harmonies

## Analogous

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



56935A



07977C



0097A0

# Triad

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



07977C



7C7FC6



BB744E

# Complementary

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



07977C



970722

# 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.



C86A6C



07977C



A972B0

# Square

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



07977C



338CCB



C3698F



A2813E

# Rectangle

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



07977C



0095B5



C3698F



C17057



# Sweetspot

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



07977C



8BC4BA



249707



41635D



E3E3E3



636363



# Same Dimension

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



07977C



00C4A0



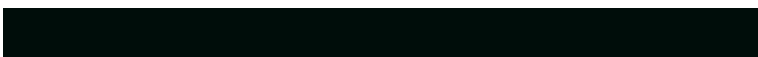
076C97



454D4B



008C72



000D0A



# Inverse Universe

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



970722



C40025



973207



4D4546



8C001A



0D0002



# Previews

## White Background



This preview shows how the Hex color 07977C looks on a white background.

## Color Contrast Check

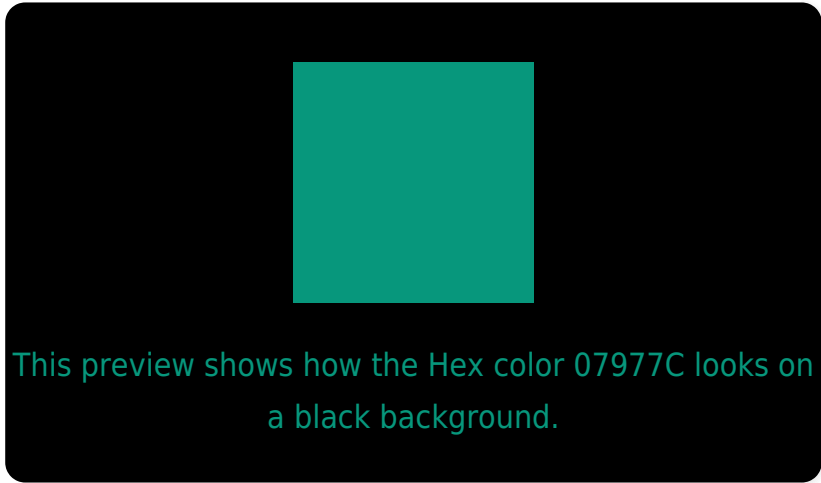
Large Text (above 18pt) WCAG AA ✓ Pass

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

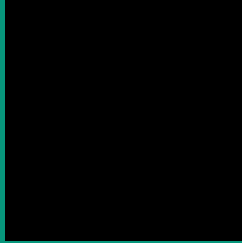
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 07977C Background



This preview shows how black text looks on a background with the Hex color 07977C.

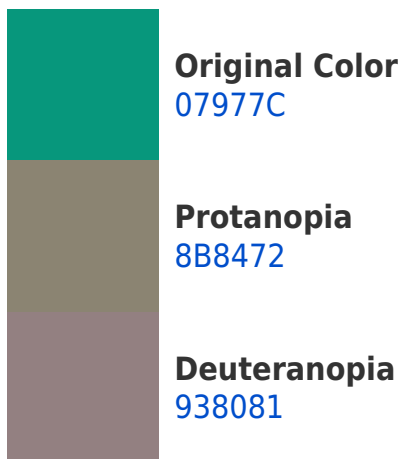


This preview shows how white text looks on a background with the Hex color 07977C.

# 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**  
2D929E

# Trichromacy



**Original Color**  
07977C



**Protanomaly**  
5B8B76



**Deuteranomaly**  
60887F



**Tritanomaly**  
1F9492

# Monochromacy



**Original Color**  
07977C



**Achromatopsia**  
696969



**Achromatomaly**  
457A70

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 07977C 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 #07977C looks like.

```
.text, #text, p{  
    color:#07977C  
}
```

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 #07977C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07977C
}
```

## Border

The CSS property to change the border of an element to Hex 07977C 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
#07977C }
```

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

```
.border{ border-color:#07977C }
```

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

Here you see how a box with a 4 pixel #07977C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07977C; -webkit-box-shadow:4px 4px  
4px 4px #07977C; box-shadow:4px 4px 4px  
4px #07977C }
```

# Background

The CSS property to change the background color of an element to Hex 07977C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07977C }
```

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

```
.background{ background-color:#07977C }
```

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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