

# Converting Colors

Hex(008977)

Have a look what the booklet for  
Hex(008977) contains.

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# Color

Hex(008977)

# Conversions

## Conversions Part 1

Format	Color
Hex	008977
RGB	0, 137, 119
RGB Percent	0%, 54%, 47%
CMY	1.0000, 0.4627, 0.5333
CMYK	1.00, 0.00, 0.13, 0.46
HSL	172°, 100%, 27%
HSV	172°, 100%, 54%
XYZ	12.2754, 19.2232, 20.5162
YIQ	93.9850, -75.8740, -34.6420

# Conversions

## Conversions Part 2

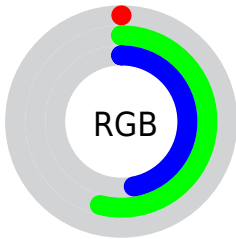
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 73, 137
Decimal	35191
CIELab	50.95, -35.83, 0.77
CIELCh	51, 35.837, 178.773
Yxy	19.2232, 0.2360, 0.3696
Android (android.graphics.Color)	4278225271 (0xFF008977)
YUV	93.9850, 12.3324, -82.4248
Hunter-Lab	43.8443, -26.7515, 2.9472

# Details

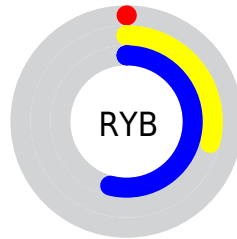
The Hex color **008977** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **890012**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **53BFAB**, and **005647** is the 20% darker color. If you saturate the color by 10%, you get **008977**, and if you desaturate by 10%, it is **0E8979**.

# Distribution



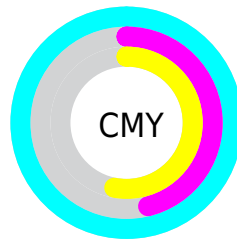
- Red (0%)
- Green (54%)
- Blue (47%)



- Red (0%)
- Yellow (29%)
- Blue (54%)



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (46%)



- Cyan (100%)
- Magenta (46%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008977 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 008977 by changing the saturation by 10% instead.



 008977

 008977

FFFFFF

 006F5E

 53BFAB

 005647

 71DBC6

 003E30

 8EF8E2

 00281C

 ABFFFF

 000701

 C8FFFF

 000000

 E5FFFF

 008977

 0E8979

 1B897B

 29897C

 37897E

 458980

 528982

 608984

 6E8985

 7B8987

# Harmonies

## Analogous

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



488658



008977



008996

# Triad

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



008977



7A72AF



A56C46

# Complementary

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



008977



890012

# 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.



B2635E



008977



9E6799

# Square

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



008977



447DB6



B1607C



8D773B

# Rectangle

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



008977



0086A7



B1607C



AB694D



# Sweetspot

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



008977



7DB3AB



128900



395955



D9D9D9



595959



# Same Dimension

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



008977



00B39B



005789



3E4544



008573



000504



# Inverse Universe

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



890012



B30017



893200



453E3F



850011



050001



# Previews

## White Background



This preview shows how the Hex color 008977 looks on a white background.

## Color Contrast Check

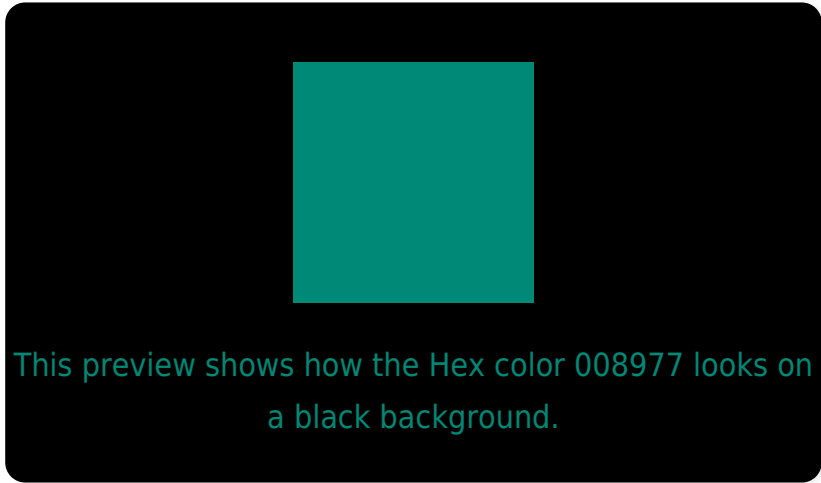
Large Text (above 18pt) WCAG AA ✓ Pass

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

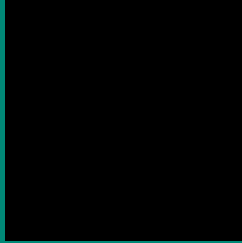
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 008977 Background



This preview shows how black text looks on a background with the Hex color 008977.

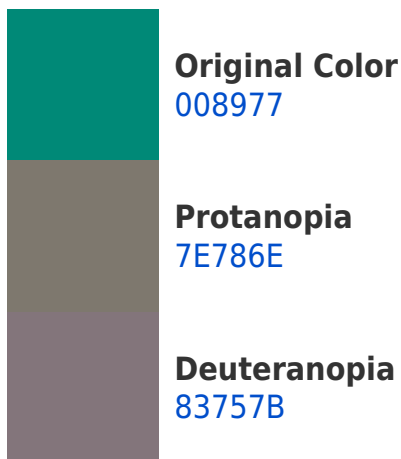


This preview shows how white text looks on a background with the Hex color 008977.

# 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**  
258590

# Trichromacy



**Original Color**  
008977



**Protanomaly**  
507E71



**Deuteranomaly**  
537C7A



**Tritanomaly**  
188687

# Monochromacy



**Original Color**  
008977



**Achromatopsia**  
5E5E5E



**Achromatomaly**  
3C6E67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008977 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 #008977 looks like.

```
.text, #text, p{  
    color:#008977  
}
```

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 #008977 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008977
}
```

## Border

The CSS property to change the border of an element to Hex 008977 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
#008977 }
```

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

```
.border{ border-color:#008977 }
```

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

Here you see how a box with a 4 pixel #008977 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008977; -webkit-box-shadow:4px 4px  
4px 4px #008977; box-shadow:4px 4px 4px  
4px #008977 }
```

# Background

The CSS property to change the background color of an element to Hex 008977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008977 }
```

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

```
.background{ background-color:#008977 }
```

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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