

# Converting Colors

Hex(009177)

Have a look what the booklet for  
Hex(009177) contains.

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**Color**

**Hex(009177)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009177
RGB	0, 145, 119
RGB Percent	0%, 57%, 47%
CMY	1.0000, 0.4314, 0.5333
CMYK	1.00, 0.00, 0.18, 0.43
HSL	169°, 100%, 28%
HSV	169°, 100%, 57%
XYZ	13.4552, 21.5827, 20.9095
YIQ	98.6810, -78.0740, -38.8260

# Conversions

## Conversions Part 2

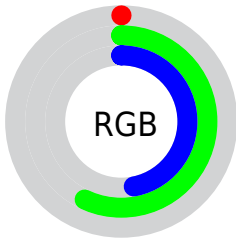
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 80, 145
Decimal	37239
CIELab	53.58, -39.33, 4.58
CIELCh	54, 39.598, 173.357
Yxy	21.5827, 0.2405, 0.3858
Android (android.graphics.Color)	4278227319 (0xFF009177)
YUV	98.6810, 10.0173, -86.5432
Hunter-Lab	46.4572, -29.6020, 5.8348

# Details

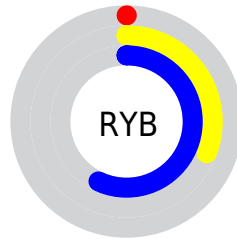
The Hex color **009177** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **91001A**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **55C8AB**, and **005D47** is the 20% darker color. If you saturate the color by 10%, you get **009177**, and if you desaturate by 10%, it is **0E917A**.

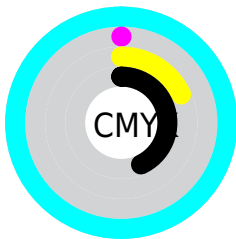
# Distribution



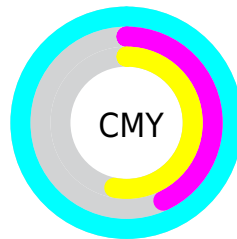
- Red (0%)
- Green (57%)
- Blue (47%)



- Red (0%)
- Yellow (31%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (43%)



- Cyan (100%)
- Magenta (43%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 009177 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 009177 by changing the saturation by 10% instead.



 009177

 009177

FFFFFF

 00775E

 55C8AB

 005D47

 73E4C6

 004530

 90FFE2

 002E1B

 ADFFFF

 001501

 CBFFFF

 000000

 E8FFFF

 009177

 0E917A

 1D917C

 2C917F

 3A9181

 499184

 579187

 669189

 74918C

 83918E

# Harmonies

## Analogous

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



518D56



009177



00919A

# Triad

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



009177



777ABF



B46F4A

# Complementary

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



009177



91001A

# 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.



C06567



009177



A36DA9

# Square

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



009177



2F86C3



BB6489



9B7B3B

# Rectangle

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



009177



008FAE



BB6489



BA6B53



# Sweetspot

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



009177



84BDB3



1B9100



3C5E58



DEDEDE



5E5E5E



# Same Dimension

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



009177



00BD9B



006391



404746



00876F



000806



# Inverse Universe

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



91001A



BD0022



912E00



474042



870018



080001



# Previews

## White Background



This preview shows how the Hex color 009177 looks on a white background.

## Color Contrast Check

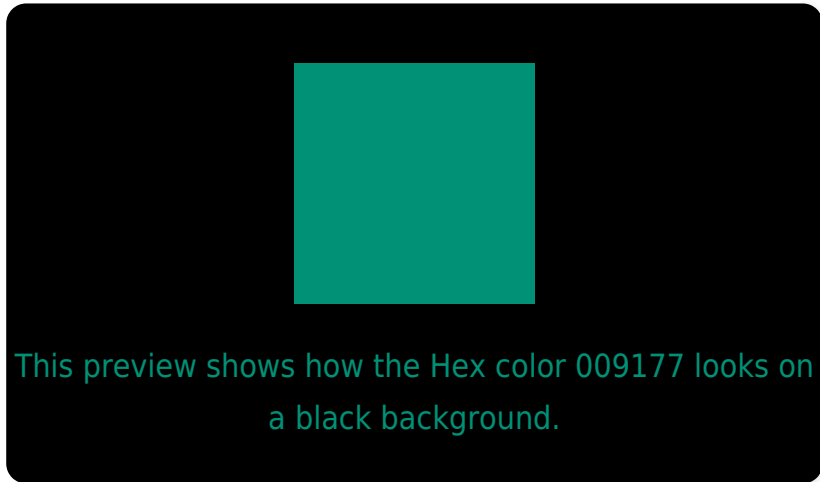
Large Text (above 18pt) WCAG AA ✓ Pass

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 009177 Background



This preview shows how black text looks on a background with the Hex color 009177.

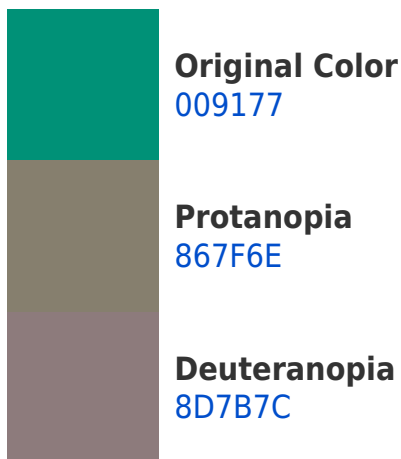


This preview shows how white text looks on a background with the Hex color 009177.

# 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**  
2A8C98

# Trichromacy



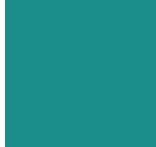
**Original Color**  
009177



**Protanomaly**  
558671



**Deuteranomaly**  
5A837A



**Tritanomaly**  
1B8E8C

# Monochromacy



**Original Color**  
009177



**Achromatopsia**  
636363



**Achromatomaly**  
3F746A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 009177 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 #009177 looks like.

```
.text, #text, p{  
    color:#009177  
}
```

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 #009177 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009177 }  
}
```

## Border

The CSS property to change the border of an element to Hex 009177 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 #009177 }  
}
```

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

```
.border{ border-color:#009177 }
```

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

Here you see how a box with a 4 pixel #009177 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009177; -webkit-box-shadow:4px 4px  
4px 4px #009177; box-shadow:4px 4px 4px  
4px #009177 }
```

# Background

The CSS property to change the background color of an element to Hex 009177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009177 }
```

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

```
.background{ background-color:#009177 }
```

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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