

Converting Colors

Hex(009577)

Have a look what the booklet for
Hex(009577) contains.

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Color

Hex(009577)

Conversions

Conversions Part 1

Format	Color
Hex	009577
RGB	0, 149, 119
RGB Percent	0%, 58%, 47%
CMY	1.0000, 0.4157, 0.5333
CMYK	1.00, 0.00, 0.20, 0.42
HSL	168°, 100%, 29%
HSV	168°, 100%, 58%
XYZ	14.0772, 22.8268, 21.1168
YIQ	101.0290, -79.1740, -40.9180

Conversions

Conversions Part 2

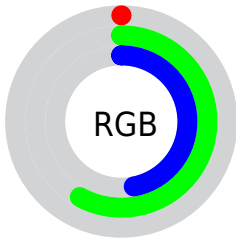
Format	Color
RYB	0, 83, 149
Decimal	38263
CIELab	54.89, -41.03, 6.46
CIELCh	55, 41.538, 171.049
Yxy	22.8268, 0.2426, 0.3934
Android (android.graphics.Color)	4278228343 (0xFF009577)
YUV	101.0290, 8.8597, -88.6024
Hunter-Lab	47.7774, -31.0169, 7.2390

Details

The Hex color **009577** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **95001E**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **56CCAB**, and **006147** is the 20% darker color. If you saturate the color by 10%, you get **009577**, and if you desaturate by 10%, it is **0F957A**.

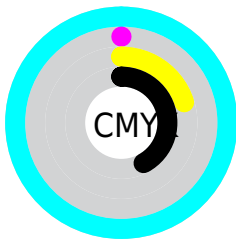
Distribution



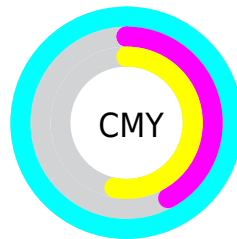
- Red (0%)
- Green (58%)
- Blue (47%)



- Red (0%)
- Yellow (33%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (42%)



- Cyan (100%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009577 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 009577 by changing the saturation by 10% instead.

 009577

 009577

FFFFFF

 007B5E

 56CCAB

 006147

 74E8C6

 004830

 91FFE2

 00311B

 AFFFFFF

 001A01

 CCFFFF

 000000

 EAFFFF

 009577

 0F957A

 1E957D

 2D9580

 3C9583

 4B9586

 599589

 68958C

 77958F

 869592

Harmonies

Analogous

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



559155



009577



00969C

Triad

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



009577



757EC6



BB704D

Complementary

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



009577



95001E

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.



C7676C



009577



A570B1

Square

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



009577



1E8ACA



C16690



A27E3B

Rectangle

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



009577



0094B2



C16690



C16C56

Sweetspot

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



009577



88C2B6



209500



3E615A



E0E0E0



616161

Same Dimension

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



009577



00C29B



006B95



434A48



008A6E



000A08

Inverse Universe

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



95001E



C20027



952A00



4A4344



8A001C



0A0002

Previews

White Background



This preview shows how the Hex color 009577 looks on a white background.

Color Contrast Check

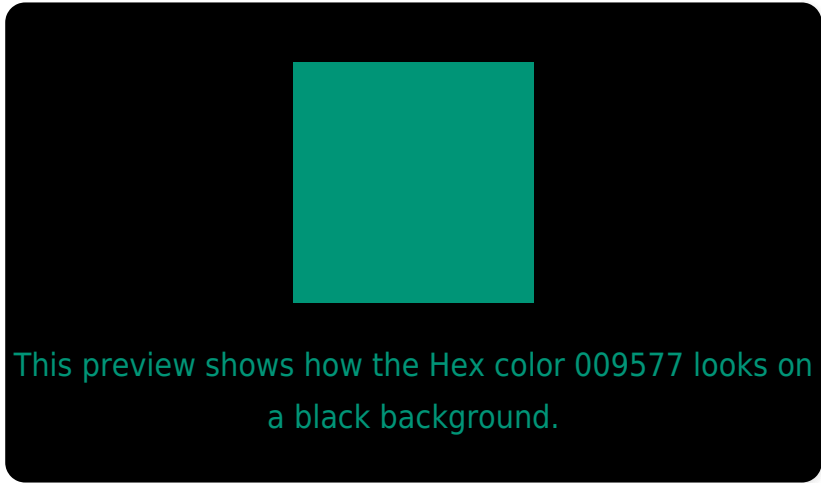
Large Text (above 18pt) WCAG AA ✓ Pass

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

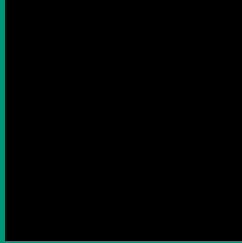
Any Text WCAG AA ✓ Pass

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 009577 Background



This preview shows how black text looks on a background with the Hex color 009577.

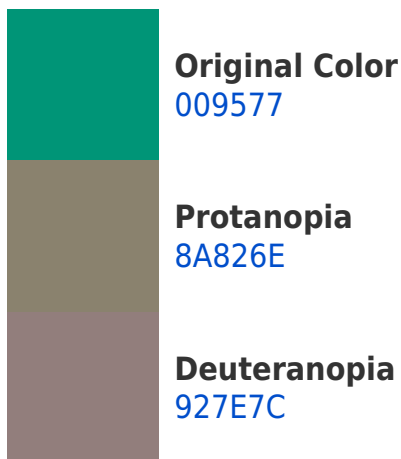


This preview shows how white text looks on a background with the Hex color 009577.

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
2D909C

Trichromacy



Original Color
009577



Protanomaly
588971



Deuteranomaly
5D867A



Tritanomaly
1D928F

Monochromacy



Original Color
009577



Achromatopsia
656565



Achromatomaly
40766C

CSS Examples

Text

The CSS property to change the color of the text to Hex 009577 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 #009577 looks like.

```
.text, #text, p{  
    color:#009577  
}
```

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 #009577 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009577
}
```

Border

The CSS property to change the border of an element to Hex 009577 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
#009577 }
```

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

```
.border{ border-color:#009577 }
```

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

Here you see how a box with a 4 pixel #009577 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009577; -webkit-box-shadow:4px 4px  
4px 4px #009577; box-shadow:4px 4px 4px  
4px #009577 }
```

Background

The CSS property to change the background color of an element to Hex 009577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009577 }
```

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

```
.background{ background-color:#009577 }
```

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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