

Converting Colors

Hex(009977)

Have a look what the booklet for
Hex(009977) contains.

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Color

Hex(009977)

Conversions

Conversions Part 1

Format	Color
Hex	009977
RGB	0, 153, 119
RGB Percent	0%, 60%, 47%
CMY	1.0000, 0.4000, 0.5333
CMYK	1.00, 0.00, 0.22, 0.40
HSL	167°, 100%, 30%
HSV	167°, 100%, 60%
XYZ	14.7210, 24.1144, 21.3314
YIQ	103.3770, -80.2740, -43.0100

Conversions

Conversions Part 2

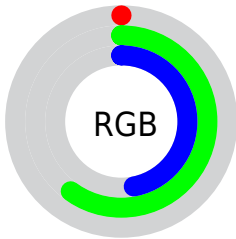
Format	Color
RYB	0, 86, 153
Decimal	39287
CIELab	56.20, -42.70, 8.33
CIELCh	56, 43.505, 168.964
Yxy	24.1144, 0.2447, 0.4008
Android (android.graphics.Color)	4278229367 (0xFF009977)
YUV	103.3770, 7.7021, -90.6616
Hunter-Lab	49.1064, -32.4258, 8.6194

Details

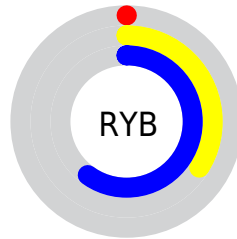
The Hex color **009977** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **990022**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **57D0AB**, and **006547** is the 20% darker color. If you saturate the color by 10%, you get **009977**, and if you desaturate by 10%, it is **0F997A**.

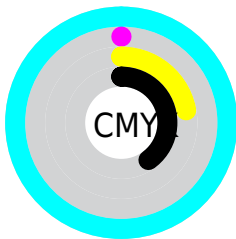
Distribution



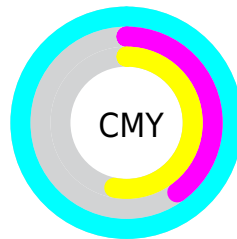
- Red (0%)
- Green (60%)
- Blue (47%)



- Red (0%)
- Yellow (34%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009977 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 009977 by changing the saturation by 10% instead.

 009977

 009977

FFFFFF

 007E5E

 57D0AB

 006547

 75EDC6

 004C30

 93FFE3

 00341B

 B0FFFF

 001E01

 CEFFFF

 000000

 ECFFFF

 009977

 0F997A

 1F997E

 2E9981

 3D9985

 4D9988

 5C998B

 6B998F

 7A9992

 8A9996

Harmonies

Analogous

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



5A9553



009977



009A9E

Triad

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



009977



7282CE



C3724F

Complementary

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



009977



990022

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.



CE6870



009977



A873B9

Square

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



009977



008FD1



C66896



A9803B

Rectangle

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



009977



0098B5



C66896



C86E59

Sweetspot

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



009977



8BC7BA



249900



40635B



E3E3E3



636363

Same Dimension

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



009977



00C79B



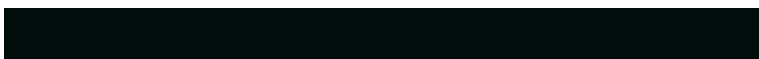
007099



454D4B



008C6D



000D0A

Inverse Universe

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



990022



C7002C



992900



4D4547



8C001F



0D0003

Previews

White Background



This preview shows how the Hex color 009977 looks on a white background.

Color Contrast Check

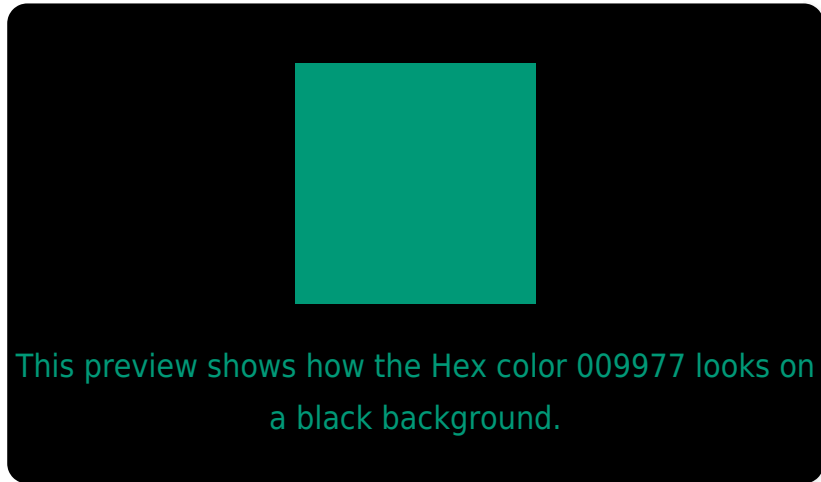
Large Text (above 18pt) WCAG AA ✓ Pass

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

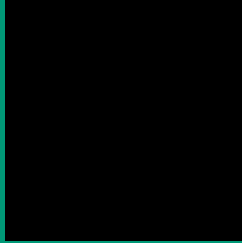
Any Text WCAG AA ✓ Pass

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 009977 Background



This preview shows how black text looks on a background with the Hex color 009977.

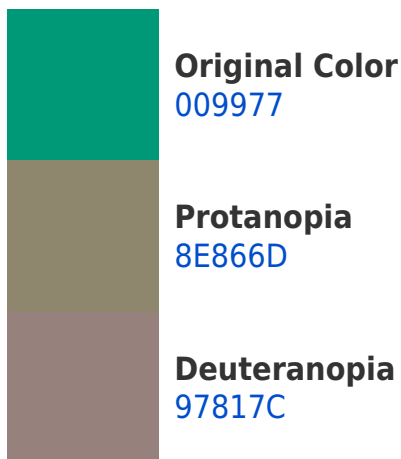


This preview shows how white text looks on a background with the Hex color 009977.

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
2F94A0

Trichromacy



Original Color

009977



Protanomaly

5A8D71



Deuteranomaly

608A7A



Tritanomaly

1E9691

Monochromacy



Original Color

009977



Achromatopsia

676767



Achromatomaly

42796D

CSS Examples

Text

The CSS property to change the color of the text to Hex 009977 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 #009977 looks like.

```
.text, #text, p{  
    color:#009977  
}
```

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 #009977 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009977
}
```

Border

The CSS property to change the border of an element to Hex 009977 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
#009977 }
```

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

```
.border{ border-color:#009977 }
```

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

Here you see how a box with a 4 pixel #009977 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009977; -webkit-box-shadow:4px 4px  
4px 4px #009977; box-shadow:4px 4px 4px  
4px #009977 }
```

Background

The CSS property to change the background color of an element to Hex 009977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009977 }
```

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

```
.background{ background-color:#009977 }
```

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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