

Converting Colors

Hex(009570)

Have a look what the booklet for
Hex(009570) contains.

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Color

Hex(009570)

Conversions

Conversions Part 1

Format	Color
Hex	009570
RGB	0, 149, 112
RGB Percent	0%, 58%, 44%
CMY	1.0000, 0.4157, 0.5608
CMYK	1.00, 0.00, 0.25, 0.42
HSL	165°, 100%, 29%
HSV	165°, 100%, 58%
XYZ	13.6721, 22.6647, 18.9834
YIQ	100.2310, -76.9270, -43.0950

Conversions

Conversions Part 2

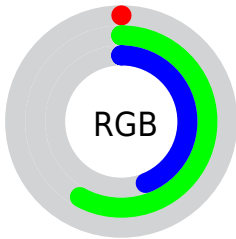
Format	Color
RYB	0, 85, 149
Decimal	38256
CIELab	54.73, -42.87, 10.21
CIELCh	55, 44.069, 166.603
Yxy	22.6647, 0.2471, 0.4097
Android (android.graphics.Color)	4278228336 (0xFF009570)
YUV	100.2310, 5.8021, -87.9026
Hunter-Lab	47.6075, -32.0509, 9.6835

Details

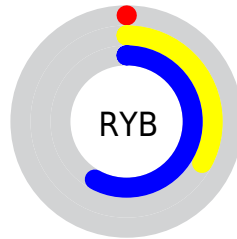
The Hex color **009570** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **950025**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **56CCA4**, and **006140** is the 20% darker color. If you saturate the color by 10%, you get **009570**, and if you desaturate by 10%, it is **0F9574**.

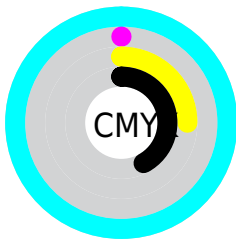
Distribution



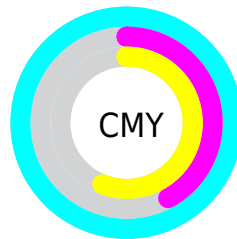
- Red (0%)
- Green (58%)
- Blue (44%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (25%)
- Black (42%)



- Cyan (100%)
- Magenta (42%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009570 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 009570 by changing the saturation by 10% instead.

 009570

 009570

FFFFFF

 007B58

 56CCA4

 006140

 74E9BF

 00482A

 91FFDB

 003115

 AEFFF7

 001900

 CCFFFF

 000000

 E9FFFF

 009570

 0F9574

 1E9577

 2D957B

 3C957F

 4B9583

 599586

 68958A

 77958E

 869591

Harmonies

Analogous

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



59904C



009570



009698

Triad

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



009570



6880CC



C06D4D

Complementary

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



009570



950025

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.



CA636F



009570



A170B8

Square

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



009570



008CCD



C16496



A77B37

Rectangle

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



009570



0095AF



C16496



C66957

Sweetspot

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



009570



88C2B3



259500



3E6158



E0E0E0



616161

Same Dimension

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



009570



00C292



007095



434A48



008A68



000A08

Inverse Universe

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



950025



C20030



952500



4A4344



8A0022



0A0003

Previews

White Background



This preview shows how the Hex color 009570 looks on a white background.

Color Contrast Check

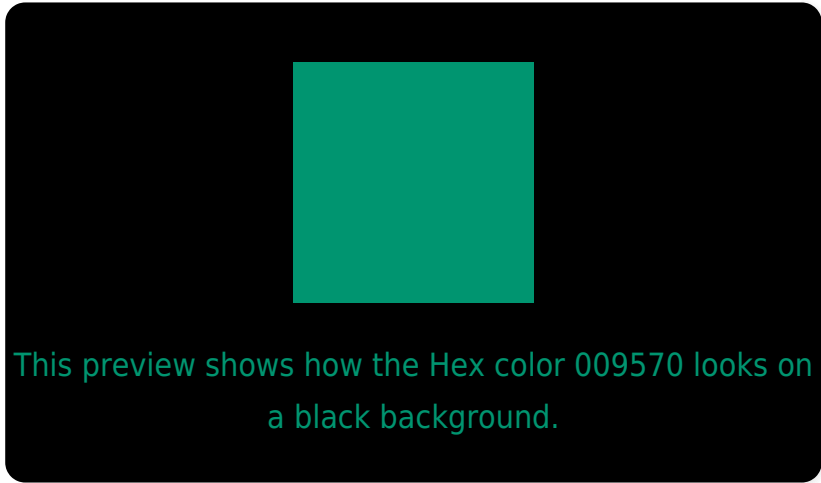
Large Text (above 18pt) WCAG AA ✓ Pass

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 009570 Background



This preview shows how black text looks on a background with the Hex color 009570.

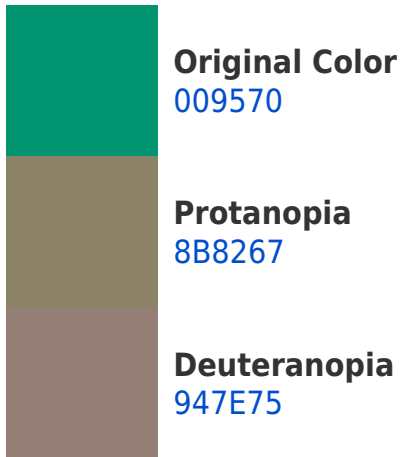


This preview shows how white text looks on a background with the Hex color 009570.

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
308F9B

Trichromacy



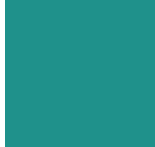
Original Color
009570



Protanomaly
58896A



Deuteranomaly
5E8673



Tritanomaly
1F918B

Monochromacy



Original Color
009570



Achromatopsia
646464



Achromatomaly
407668

CSS Examples

Text

The CSS property to change the color of the text to Hex 009570 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 #009570 looks like.

```
.text, #text, p{  
    color:#009570  
}
```

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 #009570 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009570
}
```

Border

The CSS property to change the border of an element to Hex 009570 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
#009570 }
```

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

```
.border{ border-color:#009570 }
```

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

Here you see how a box with a 4 pixel #009570 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009570; -webkit-box-shadow:4px 4px  
4px 4px #009570; box-shadow:4px 4px 4px  
4px #009570 }
```

Background

The CSS property to change the background color of an element to Hex 009570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009570 }
```

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

```
.background{ background-color:#009570 }
```

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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