

Converting Colors

Hex(009C66)

Have a look what the booklet for
Hex(009C66) contains.

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Color

Hex(009C66)

Conversions

Conversions Part 1

Format	Color
Hex	009C66
RGB	0, 156, 102
RGB Percent	0%, 61%, 40%
CMY	1.0000, 0.3882, 0.6000
CMYK	1.00, 0.00, 0.35, 0.39
HSL	159°, 100%, 31%
HSV	159°, 100%, 61%
XYZ	14.2867, 24.7362, 16.5920
YIQ	103.2000, -75.6420, -49.8660

Conversions

Conversions Part 2

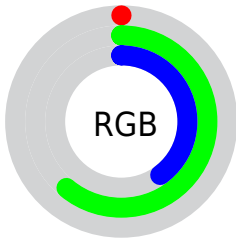
Format	Color
RYB	0, 94, 156
Decimal	40038
CIELab	56.82, -48.02, 18.72
CIELCh	57, 51.540, 158.700
Yxy	24.7362, 0.2569, 0.4448
Android (android.graphics.Color)	4278230118 (0xFF009C66)
YUV	103.2000, -0.5916, -90.5064
Hunter-Lab	49.7355, -35.7623, 15.0355

Details

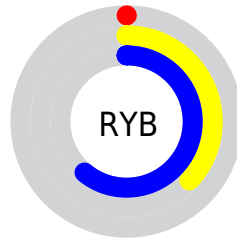
The Hex color **009C66** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9C0036**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **57D499**, and **006737** is the 20% darker color. If you saturate the color by 10%, you get **009C66**, and if you desaturate by 10%, it is **109C6B**.

Distribution



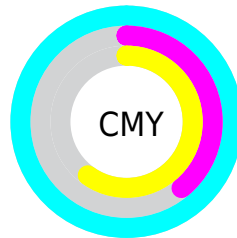
- Red (0%)
- Green (61%)
- Blue (40%)



- Red (0%)
- Yellow (37%)
- Blue (61%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (39%)



- Cyan (100%)
- Magenta (39%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009C66 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 009C66 by changing the saturation by 10% instead.

 009C66

 009C66

FFFFFF

 00814E

 57D499

 006737

 76F0B4

 004E21

 93FFD0

 00360B

 B0FFEC

 002000

 CEFFFF

 000000

 ECFFFF

 009C66

 109C6B

 1F9C71

 2F9C76

 3E9C7C

 4E9C81

 5E9C86

 6D9C8C

 7D9C91

 8C9C97

Harmonies

Analogous

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



64963E



009C66



009E94

Triad

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



009C66



4989E1



D46952

Complementary

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



009C66



9C0036

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.



DB5F7D



009C66



9C77CF

Square

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



009C66



0096DC



C966AA



BB7A32

Rectangle

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



009C66



009EB2



C966AA



D96460

Sweetspot

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



009C66



8FCCB7



379C00



416659



E6E6E6



666666

Same Dimension

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



009C66



00CC85



00859C



474F4C



008F5D



000F0A

Inverse Universe

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



9C0036



CC0047



9C1700



4F474A



8F0031



0F0005

Previews

White Background



This preview shows how the Hex color 009C66 looks on a white background.

Color Contrast Check

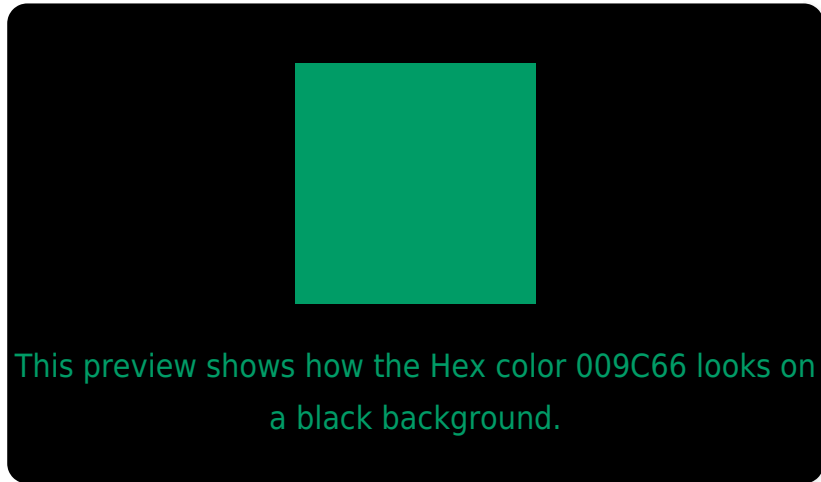
Large Text (above 18pt) WCAG AA ✓ Pass

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

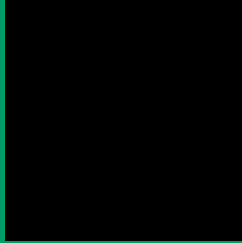
Any Text WCAG AA ✓ Pass

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 009C66 Background



This preview shows how black text looks on a background with the Hex color 009C66.

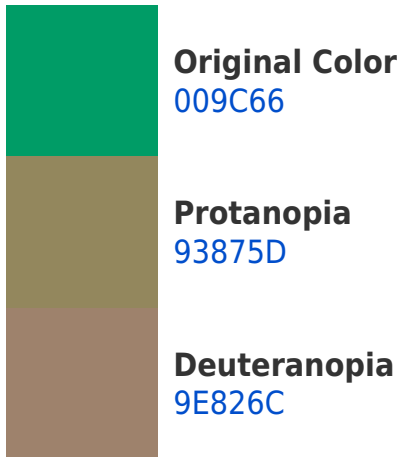


This preview shows how white text looks on a background with the Hex color 009C66.

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
3795A1

Trichromacy



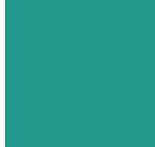
Original Color
009C66



Protanomaly
5E8F60



Deuteranomaly
658B6A



Tritanomaly
23988C

Monochromacy



Original Color
009C66



Achromatopsia
676767



Achromatomaly
427A67

CSS Examples

Text

The CSS property to change the color of the text to Hex 009C66 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 #009C66 looks like.

```
.text, #text, p{  
    color:#009C66  
}
```

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 #009C66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009C66
}
```

Border

The CSS property to change the border of an element to Hex 009C66 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
#009C66 }
```

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

```
.border{ border-color:#009C66 }
```

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

Here you see how a box with a 4 pixel #009C66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009C66; -webkit-box-shadow:4px 4px  
4px 4px #009C66; box-shadow:4px 4px 4px  
4px #009C66 }
```

Background

The CSS property to change the background color of an element to Hex 009C66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009C66 }
```

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

```
.background{ background-color:#009C66 }
```

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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