

Converting Colors

Hex(009966)

Have a look what the booklet for
Hex(009966) contains.

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Color

Hex(009966)

Conversions

Conversions Part 1

Format	Color
Hex	009966
RGB	0, 153, 102
RGB Percent	0%, 60%, 40%
CMY	1.0000, 0.4000, 0.6000
CMYK	1.00, 0.00, 0.33, 0.40
HSL	160°, 100%, 30%
HSV	160°, 100%, 60%
XYZ	13.7895, 23.7418, 16.4262
YIQ	101.4390, -74.8170, -48.2970

Conversions

Conversions Part 2

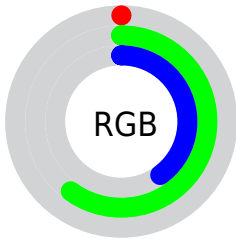
Format	Color
RYB	0, 92, 153
Decimal	39270
CIELab	55.83, -46.88, 17.37
CIELCh	56, 49.992, 159.665
Yxy	23.7418, 0.2556, 0.4400
Android (android.graphics.Color)	4278229350 (0xFF009966)
YUV	101.4390, 0.2766, -88.9620
Hunter-Lab	48.7255, -34.7535, 14.1202

Details

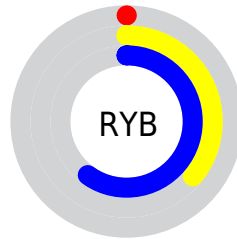
The Hex color **009966** is a dark color, and the websafe version is hex **009966**, and the color name is **green-cyan**. A complement of this color would be **990033**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **57D099**, and **006537** is the 20% darker color. If you saturate the color by 10%, you get **009966**, and if you desaturate by 10%, it is **0F996B**.

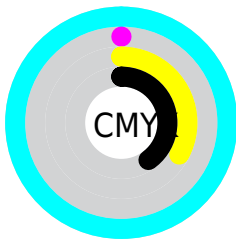
Distribution



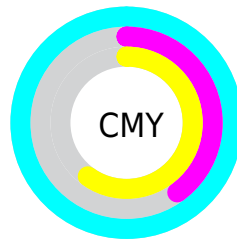
- Red (0%)
- Green (60%)
- Blue (40%)



- Red (0%)
- Yellow (36%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009966 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 009966 by changing the saturation by 10% instead.

 009966

 009966

FFFFFF

 007E4E

 57D099

 006537

 74EDB4

 004C21

 92FFD0

 00340B

 AFFFEC

 001D00

 CDFFFF

 000000

 EAFFFF

 009966

 0F996B

 1F9970

 2E9975

 3D997A

 4D9980

 5C9985

 6B998A

 7A998F

 8A9994

Harmonies

Analogous

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



61933F



009966



009B93

Triad

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



009966



4E86DB



CF6850

Complementary

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



009966



990033

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.



D65F79



009966



9B74C9

Square

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



009966



0092D7



C564A5



B67932

Rectangle

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



009966



009AB0



C564A5



D3645D

Sweetspot

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



009966



8BC7B3



339900



406358



E3E3E3



636363

Same Dimension

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



009966



00C785



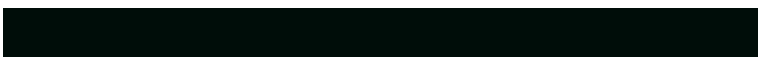
007F99



454D4A



008C5E



000D09

Inverse Universe

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



990033



C70042



991900



4D4547



8C002F



0D0004

Previews

White Background



This preview shows how the Hex color 009966 looks on a white background.

Color Contrast Check

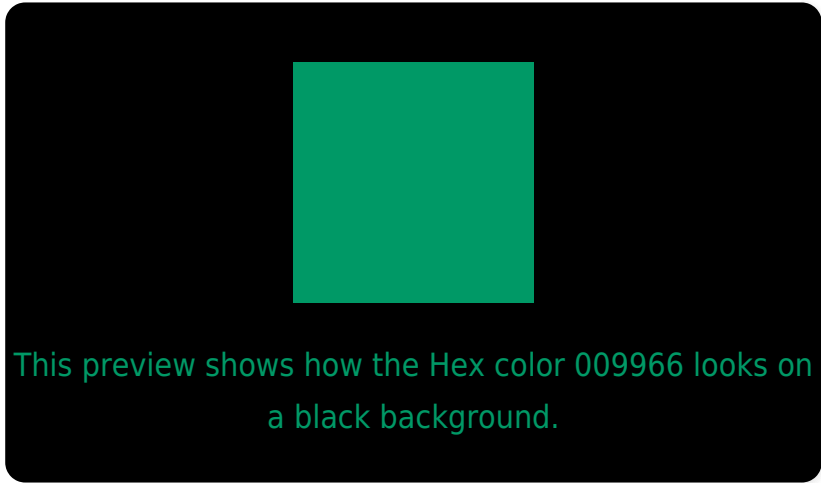
Large Text (above 18pt) WCAG AA ✓ Pass

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 009966 Background



This preview shows how black text looks on a background with the Hex color 009966.

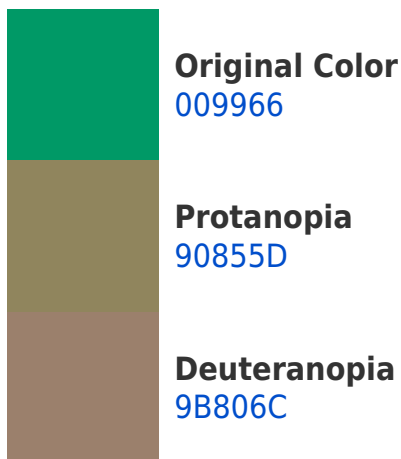


This preview shows how white text looks on a background with the Hex color 009966.

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
35929E

Trichromacy



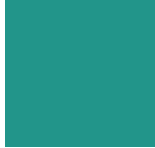
Original Color
009966



Protanomaly
5C8C60



Deuteranomaly
63896A



Tritanomaly
22958A

Monochromacy



Original Color
009966



Achromatopsia
656565



Achromatomaly
407865

CSS Examples

Text

The CSS property to change the color of the text to Hex 009966 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 #009966 looks like.

```
.text, #text, p{  
    color:#009966  
}
```

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 #009966 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009966  
}
```

Border

The CSS property to change the border of an element to Hex 009966 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  
#009966 }
```

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

```
.border{ border-color:#009966 }
```

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

Here you see how a box with a 4 pixel #009966 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009966; -webkit-box-shadow:4px 4px  
4px 4px #009966; box-shadow:4px 4px 4px  
4px #009966 }
```

Background

The CSS property to change the background color of an element to Hex 009966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009966 }
```

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

```
.background{ background-color:#009966 }
```

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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