

Converting Colors

Hex(009946)

Have a look what the booklet for
Hex(009946) contains.

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Color

Hex(009946)

Conversions

Conversions Part 1

Format	Color
Hex	009946
RGB	0, 153, 70
RGB Percent	0%, 60%, 27%
CMY	1.0000, 0.4000, 0.7255
CMYK	1.00, 0.00, 0.54, 0.40
HSL	147°, 100%, 30%
HSV	147°, 100%, 60%
XYZ	12.4967, 23.2247, 9.6185
YIQ	97.7910, -64.5450, -58.2490

Conversions

Conversions Part 2

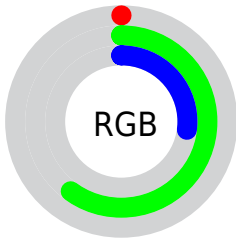
Format	Color
RYB	0, 105, 153
Decimal	39238
CIELab	55.30, -53.09, 33.86
CIELCh	55, 62.973, 147.470
Yxy	23.2247, 0.2756, 0.5122
Android (android.graphics.Color)	4278229318 (0xFF009946)
YUV	97.7910, -13.7010, -85.7627
Hunter-Lab	48.1920, -38.0489, 21.9008

Details

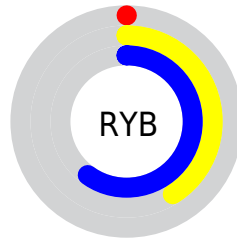
The Hex color **009946** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **990053**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **57D178**, and **006416** is the 20% darker color. If you saturate the color by 10%, you get **009946**, and if you desaturate by 10%, it is **0F994E**.

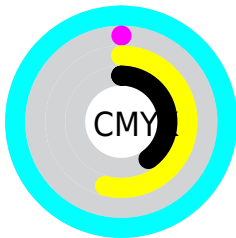
Distribution



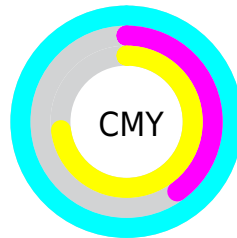
- Red (0%)
- Green (60%)
- Blue (27%)



- Red (0%)
- Yellow (41%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (54%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009946 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 009946 by changing the saturation by 10% instead.

 009946

 009946

FFFFFF

 007E2E

 57D178

 006416

 75ED92

 004B00

 92FFAD

 003400

 AFFFC9

 001B00

 CDFFE6

 000000

 EBFFFF

 009946

 0F994E

 1F9957

 2E995F

 3D9967

 4D9970

 5C9978

 6B9980

 7A9988

 8A9991

Harmonies

Analogous

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



6D9010



009946



009D7E

Triad

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



009946



008CF2



E35356

Complementary

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



009946



990053

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.



E24C8B



009946



7A78E6

Square

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



009946



0098E0



C15EC0



CB6A25

Rectangle

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



009946



009EA4



C15EC0



E64E67

Sweetspot

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



009946



8BC7A7



549900



406350



E3E3E3



636363

Same Dimension

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



009946



00C75B



009991



454D48



008C40



000D06

Inverse Universe

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



990053



C7006C



990008



4D4549



8C004C



0D0007

Previews

White Background



This preview shows how the Hex color 009946 looks on a white background.

Color Contrast Check

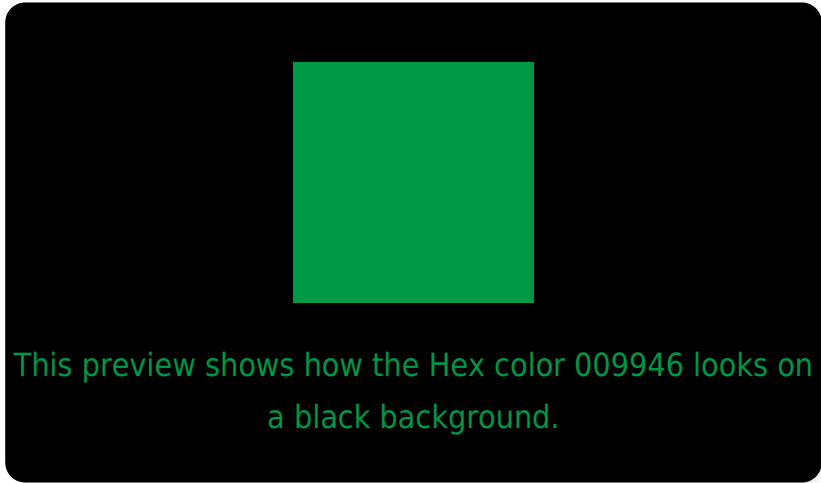
Large Text (above 18pt) WCAG AA ✓ Pass

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 009946 Background



This preview shows how black text looks on a background with the Hex color 009946.



This preview shows how white text looks on a background with the Hex color 009946.

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



Original Color
009946

Protanopia
92843F

Deuteranopia
A07E4D



Tritanopia
3C909C

Trichromacy



Original Color
009946



Protanomaly
5D8C42



Deuteranomaly
66884A



Tritanomaly
26937D

Monochromacy



Original Color
009946



Achromatopsia
626262



Achromatomaly
3E7658

CSS Examples

Text

The CSS property to change the color of the text to Hex 009946 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 #009946 looks like.

```
.text, #text, p{  
    color:#009946  
}
```

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 #009946 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009946
}
```

Border

The CSS property to change the border of an element to Hex 009946 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
#009946 }
```

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

```
.border{ border-color:#009946 }
```

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

Here you see how a box with a 4 pixel #009946 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009946; -webkit-box-shadow:4px 4px  
4px 4px #009946; box-shadow:4px 4px 4px  
4px #009946 }
```

Background

The CSS property to change the background color of an element to Hex 009946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009946 }
```

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

```
.background{ background-color:#009946 }
```

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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