

# Converting Colors

Hex(009D4C)

Have a look what the booklet for  
Hex(009D4C) contains.

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**Color**

**Hex(009D4C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009D4C
RGB	0, 157, 76
RGB Percent	0%, 62%, 30%
CMY	1.0000, 0.3843, 0.7020
CMYK	1.00, 0.00, 0.52, 0.38
HSL	149°, 100%, 31%
HSV	149°, 100%, 62%
XYZ	13.3615, 24.6357, 10.8884
YIQ	100.8230, -67.5710, -58.4750

# Conversions

## Conversions Part 2

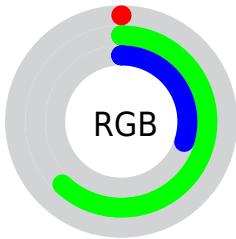
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 106, 157
Decimal	40268
CIELab	56.72, -53.46, 32.55
CIELCh	57, 62.589, 148.669
Yxy	24.6357, 0.2733, 0.5039
Android (android.graphics.Color)	4278230348 (0xFF009D4C)
YUV	100.8230, -12.2377, -88.4218
Hunter-Lab	49.6344, -38.8084, 21.7375

# Details

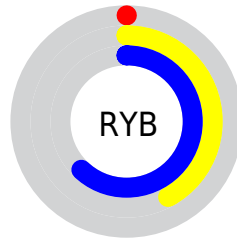
The Hex color **009D4C** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9D0051**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **58D57E**, and **00681C** is the 20% darker color. If you saturate the color by 10%, you get **009D4C**, and if you desaturate by 10%, it is **109D54**.

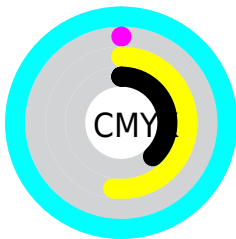
# Distribution



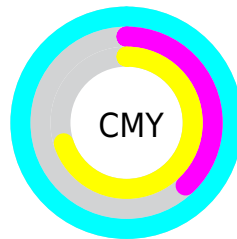
- Red (0%)
- Green (62%)
- Blue (30%)



- Red (0%)
- Yellow (42%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (52%)
- Black (38%)



- Cyan (100%)
- Magenta (38%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 009D4C 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 009D4C by changing the saturation by 10% instead.



 009D4C

 009D4C

FFFFFF

 008234

 58D57E

 00681C

 76F299

 004F02

 94FFB4

 003700

 B1FFD0

 001F00

 CFFFEC

 000000

 EDFFFF

 009D4C

 109D54

 1F9D5C

 2F9D64

 3F9D6C

 4F9D75

 5E9D7D

 6E9D85

 7E9D8D

 8D9D95

# Harmonies

## Analogous

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



6F9419



009D4C



00A184

# Triad

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



009D4C



008FF6



E65957

# Complementary

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



009D4C



9D0051

# 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.



E6518D



009D4C



827BE8

# Square

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



009D4C



009CE5



C761C2



CE6F28

# Rectangle

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



009D4C



00A1A9



C761C2



E95369



# Sweetspot

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



009D4C



8FCCAC



519D00



416653



E6E6E6



666666



# Same Dimension

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



009D4C



00CC63



009D9A



474F4B



008F45



000F07



# Inverse Universe

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



9D0051



CC0069



9D0003



4F474B



8F004A



0F0008



# Previews

## White Background



This preview shows how the Hex color 009D4C looks on a white background.

## Color Contrast Check

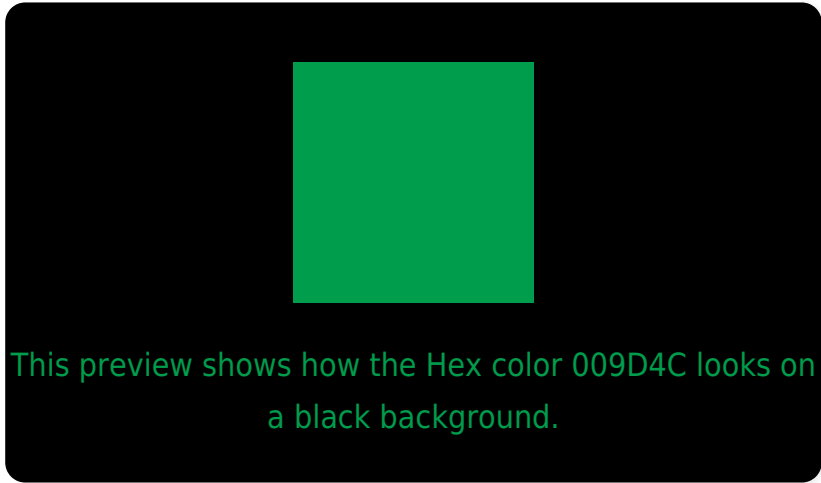
Large Text (above 18pt) WCAG AA ✓ Pass

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 009D4C Background



This preview shows how black text looks on a background with the Hex color 009D4C.



This preview shows how white text looks on a background with the Hex color 009D4C.

# 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**  
009D4C

**Protanopia**  
958745

**Deuteranopia**  
A48153



**Tritanopia**  
3C94A0

# Trichromacy



**Original Color**  
009D4C



**Protanomaly**  
5F8F48



**Deuteranomaly**  
688B50



**Tritanomaly**  
269781

# Monochromacy



**Original Color**  
009D4C



**Achromatopsia**  
656565



**Achromatomaly**  
40795C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 009D4C 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 #009D4C looks like.

```
.text, #text, p{  
    color:#009D4C  
}
```

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 #009D4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009D4C
}
```

## Border

The CSS property to change the border of an element to Hex 009D4C 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
#009D4C }
```

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

```
.border{ border-color:#009D4C }
```

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

Here you see how a box with a 4 pixel #009D4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009D4C; -webkit-box-shadow:4px 4px  
4px 4px #009D4C; box-shadow:4px 4px 4px  
4px #009D4C }
```

# Background

The CSS property to change the background color of an element to Hex 009D4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009D4C }
```

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

```
.background{ background-color:#009D4C }
```

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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