

# Converting Colors

Hex(009B4A)

Have a look what the booklet for  
Hex(009B4A) contains.

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**Color**

**Hex(009B4A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	009B4A
RGB	0, 155, 74
RGB Percent	0%, 61%, 29%
CMY	1.0000, 0.3922, 0.7098
CMYK	1.00, 0.00, 0.52, 0.39
HSL	149°, 100%, 30%
HSV	149°, 100%, 61%
XYZ	12.9574, 23.9371, 10.4160
YIQ	99.4210, -66.3790, -58.0510

# Conversions

## Conversions Part 2

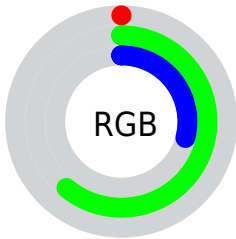
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 105, 155
Decimal	39754
CIELab	56.02, -53.12, 32.71
CIELCh	56, 62.382, 148.374
Yxy	23.9371, 0.2739, 0.5060
Android (android.graphics.Color)	4278229834 (0xFF009B4A)
YUV	99.4210, -12.5326, -87.1922
Hunter-Lab	48.9256, -38.3460, 21.6254

# Details

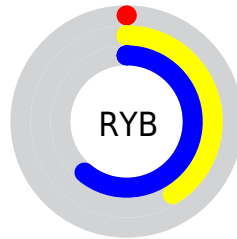
The Hex color **009B4A** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9B0051**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **57D37C**, and **00661A** is the 20% darker color. If you saturate the color by 10%, you get **009B4A**, and if you desaturate by 10%, it is **0F9B52**.

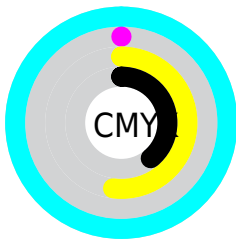
# Distribution



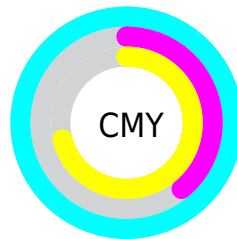
- Red (0%)
- Green (61%)
- Blue (29%)



- Red (0%)
- Yellow (41%)
- Blue (61%)



- Cyan (100%)
- Magenta (0%)
- Yellow (52%)
- Black (39%)



- Cyan (100%)
- Magenta (39%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 009B4A 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 009B4A by changing the saturation by 10% instead.



 009B4A

 009B4A

FFFFFF

 008032

 57D37C

 00661A

 75EF97

 004D01

 93FFB2

 003500

 B0FFCE

 001D00

 CEFFEA

 000000

 ECFFFF

 009B4A

 0F9B52

 1F9B5A

 2F9B62

 3E9B6A

 4E9B73

 5D9B7B

 6C9B83

 7C9B8B

 8B9B93

# Harmonies

## Analogous

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



6E9217



009B4A



009F82

# Triad

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



009B4A



008EF3



E45756

# Complementary

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



009B4A



9B0051

# 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.



E44F8C



009B4A



7F79E6

# Square

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



009B4A



009AE2



C460C0



CC6D27

# Rectangle

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



009B4A



009FA7



C460C0



E75267



# Sweetspot

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



009B4A



8DC9AA



539B00



416653



E6E6E6



666666



# Same Dimension

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



009B4A



00C960



009B96



454D49



008C43



000D06



# Inverse Universe

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



9B0051



C90069



9B0005



4D4549



8C0049



0D0007



# Previews

## White Background



This preview shows how the Hex color 009B4A looks on a white background.

## Color Contrast Check

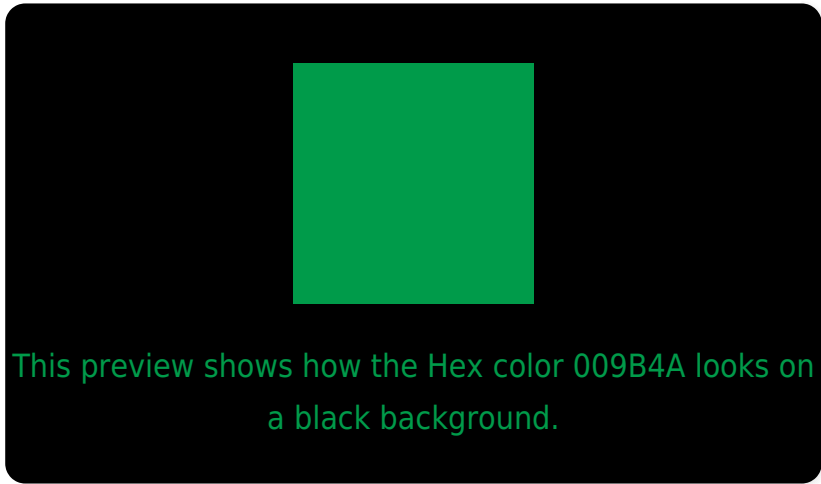
Large Text (above 18pt) WCAG AA ✓ Pass

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 009B4A Background



This preview shows how black text looks on a background with the Hex color 009B4A.



This preview shows how white text looks on a background with the Hex color 009B4A.

# 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**  
009B4A

**Protanopia**  
948643

**Deuteranopia**  
A27F51



**Tritanopia**  
3C929E

# Trichromacy



**Original Color**

009B4A



**Protanomaly**

5E8E46



**Deuteranomaly**

67894E



**Tritanomaly**

26957F

# Monochromacy



**Original Color**

009B4A



**Achromatopsia**

636363



**Achromatomaly**

3F775A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 009B4A 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 #009B4A looks like.

```
.text, #text, p{  
    color:#009B4A  
}
```

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 #009B4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009B4A
}
```

## Border

The CSS property to change the border of an element to Hex 009B4A 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
#009B4A }
```

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

```
.border{ border-color:#009B4A }
```

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

Here you see how a box with a 4 pixel #009B4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009B4A; -webkit-box-shadow:4px 4px  
4px 4px #009B4A; box-shadow:4px 4px 4px  
4px #009B4A }
```

# Background

The CSS property to change the background color of an element to Hex 009B4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009B4A }
```

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

```
.background{ background-color:#009B4A }
```

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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