

# Converting Colors

Hex(009A1B)

Have a look what the booklet for  
Hex(009A1B) contains.

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**Color**

**Hex(009A1B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009A1B
RGB	0, 154, 27
RGB Percent	0%, 60%, 11%
CMY	1.0000, 0.3961, 0.8941
CMYK	1.00, 0.00, 0.82, 0.40
HSL	131°, 100%, 30%
HSV	131°, 100%, 60%
XYZ	11.7534, 23.1903, 4.8936
YIQ	93.4760, -51.0170, -72.1450

# Conversions

## Conversions Part 2

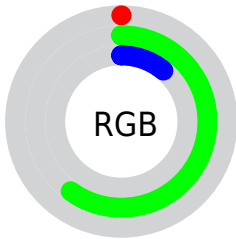
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 131, 154
Decimal	39451
CIELab	55.27, -58.09, 51.77
CIELCh	55, 77.807, 138.292
Yxy	23.1903, 0.2950, 0.5821
Android (android.graphics.Color)	4278229531 (0xFF009A1B)
YUV	93.4760, -32.7727, -81.9785
Hunter-Lab	48.1563, -40.7074, 27.6844

# Details

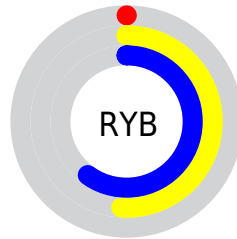
The Hex color **009A1B** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **9A007F**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **59D253**, and **006500** is the 20% darker color. If you saturate the color by 10%, you get **009A1B**, and if you desaturate by 10%, it is **0F9A28**.

# Distribution



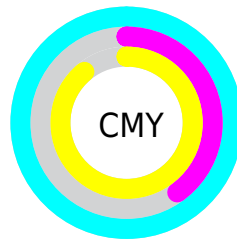
- Red (0%)
- Green (60%)
- Blue (11%)



- Red (0%)
- Yellow (51%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (82%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 009A1B 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 009A1B by changing the saturation by 10% instead.



 009A1B

 009A1B

FFFFFF

 007F00

 59D253

 006500

 78EF6D

 004C00

 95FF88

 003400

 B3FFA4

 001B00

 D1FFC0

 000000

 EFFFDC

 FFFFF9

 009A1B

 0F9A28

 1F9A34

 2E9A41

 3E9A4E

 4D9A5A

 5C9A67

 6C9A74

 7B9A81

 8B9A8D

# Harmonies

## Analogous

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



798E00



009A1B



00A067

# Triad

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



009A1B



0094FF



F8335F

# Complementary

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



009A1B



9A007F

# 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.



EE34A2



009A1B



2C7EFF

# Square

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



009A1B



009FE9



B95CDF



E3571C

# Rectangle

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



009A1B



00A196



B95CDF



F92C75



# Sweetspot

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



009A1B



8DC998



809A00



416648



E6E6E6



666666



# Same Dimension

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



009A1B



00C923



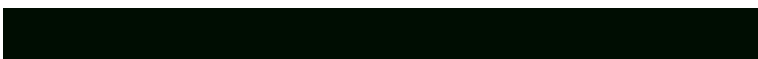
009A67



454D46



008C19



000D02



# Inverse Universe

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



9A007F



C900A6



9A0033



4D454B



8C0074

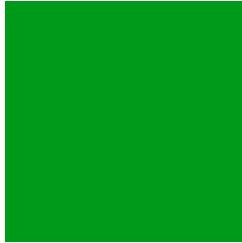


0D000B



# Previews

## White Background



This preview shows how the Hex color 009A1B looks on a white background.

## Color Contrast Check

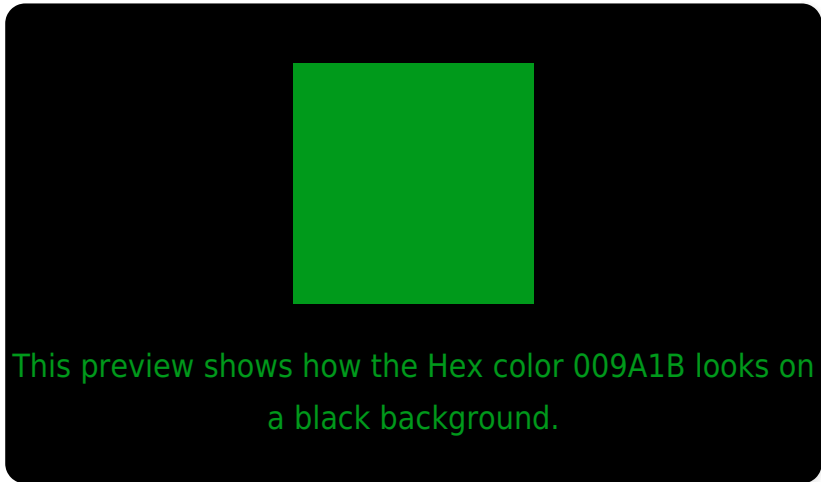
Large Text (above 18pt) WCAG AA ✓ Pass

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

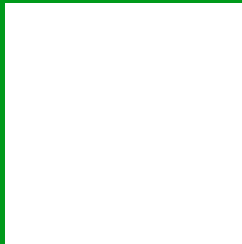
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 009A1B Background



This preview shows how black text looks on a background with the Hex color 009A1B.



This preview shows how white text looks on a background with the Hex color 009A1B.

# 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**  
009A1B

**Protanopia**  
948415

**Deuteranopia**  
A57D2A



**Tritanopia**  
408F9B

# Trichromacy



**Original Color**  
009A1B



**Protanomaly**  
5E8C17



**Deuteranomaly**  
698825



**Tritanomaly**  
29936C

# Monochromacy



**Original Color**  
009A1B



**Achromatopsia**  
5D5D5D



**Achromatomaly**  
3B7345

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 009A1B 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 #009A1B looks like.

```
.text, #text, p{  
    color:#009A1B  
}
```

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 #009A1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009A1B
}
```

## Border

The CSS property to change the border of an element to Hex 009A1B 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
#009A1B }
```

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

```
.border{ border-color:#009A1B }
```

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

Here you see how a box with a 4 pixel #009A1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009A1B; -webkit-box-shadow:4px 4px  
4px 4px #009A1B; box-shadow:4px 4px 4px  
4px #009A1B }
```

# Background

The CSS property to change the background color of an element to Hex 009A1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009A1B }
```

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

```
.background{ background-color:#009A1B }
```

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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