

# Converting Colors

Hex(009324)

Have a look what the booklet for  
Hex(009324) contains.

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**Color**

**Hex(009324)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	009324
RGB	0, 147, 36
RGB Percent	0%, 58%, 14%
CMY	1.0000, 0.4235, 0.8588
CMYK	1.00, 0.00, 0.76, 0.42
HSL	135°, 100%, 29%
HSV	135°, 100%, 58%
XYZ	10.7522, 20.9948, 5.1548
YIQ	90.3930, -51.9810, -65.6850

# Conversions

## Conversions Part 2

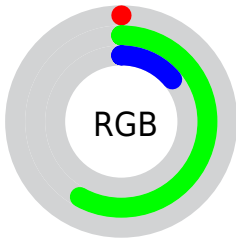
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 118, 147
Decimal	37668
CIELab	52.94, -55.35, 46.52
CIELCh	53, 72.304, 139.957
Yxy	20.9948, 0.2914, 0.5689
Android (android.graphics.Color)	4278227748 (0xFF009324)
YUV	90.3930, -26.8157, -79.2747
Hunter-Lab	45.8201, -38.2983, 25.4039

# Details

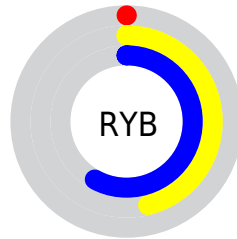
The Hex color **009324** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **93006F**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **56CA58**, and **005F00** is the 20% darker color. If you saturate the color by 10%, you get **009324**, and if you desaturate by 10%, it is **0F932F**.

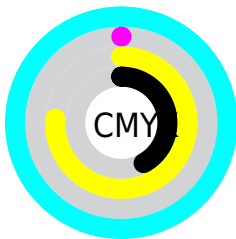
# Distribution



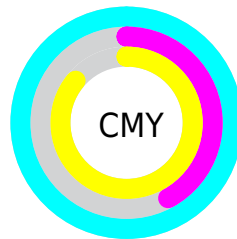
- Red (0%)
- Green (58%)
- Blue (14%)



- Red (0%)
- Yellow (46%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (76%)
- Black (42%)



- Cyan (100%)
- Magenta (42%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 009324 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 009324 by changing the saturation by 10% instead.



 009324

 009324

FFFFFF

 007802

 56CA58

 005F00

 74E772

 004600

 92FF8D

 003000

 AFFFA8

 001200

 CDFFC4

 000000

 EBFEE1

FFFFFFE

 009324

 0F932F

 1D933A

 2C9345

 3B9350

 4A935B

 589367

 679372

 76937D

 849388

# Harmonies

## Analogous

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



728800



009324



009867

# Triad

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



009324



008CFA



EA3858

# Complementary

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



009324



93006F

# 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.



E13796



009324



4377F5

# Square

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



009324



0097DD



B358CF



D4571B

# Rectangle

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



009324



009A92



B358CF



EB326D



# Sweetspot

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



009324



86BF94



719300



3E6147



E0E0E0



616161



# Same Dimension

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



009324



00BF2F



00936C



434A44



008A22



000A02



# Inverse Universe

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



93006F



BF0090



930027



4A4348



8A0068

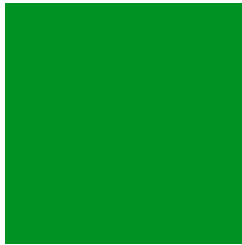


0A0008



# Previews

## White Background



This preview shows how the Hex color 009324 looks on a white background.

## Color Contrast Check

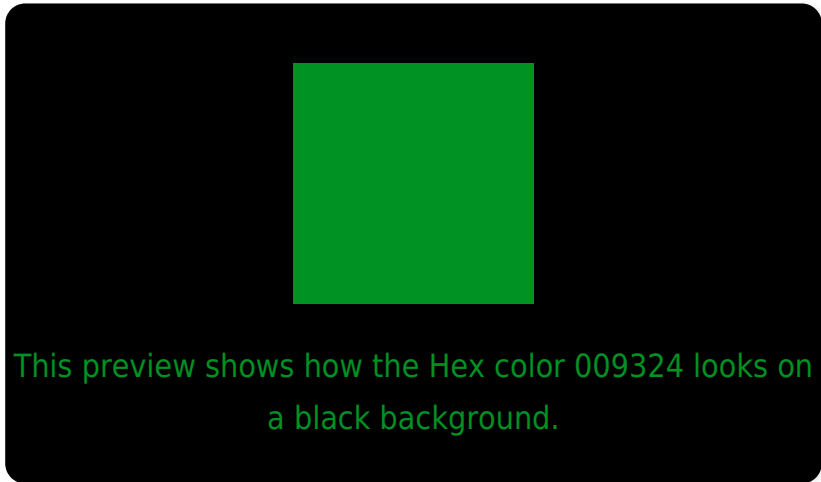
Large Text (above 18pt) WCAG AA ✓ Pass

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 009324 Background



This preview shows how black text looks on a background with the Hex color 009324.



This preview shows how white text looks on a background with the Hex color 009324.

# 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**  
009324

**Protanopia**  
8D7E1F

**Deuteranopia**  
9D782F



**Tritanopia**  
3D8994

# Trichromacy



**Original Color**

009324



**Protanomaly**

5A8621



**Deuteranomaly**

64822B



**Tritanomaly**

278D6B

# Monochromacy



**Original Color**

009324



**Achromatopsia**

5A5A5A



**Achromatomaly**

396F46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 009324 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 #009324 looks like.

```
.text, #text, p{  
    color:#009324  
}
```

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 #009324 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009324
}
```

## Border

The CSS property to change the border of an element to Hex 009324 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
#009324 }
```

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

```
.border{ border-color:#009324 }
```

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

Here you see how a box with a 4 pixel #009324 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009324; -webkit-box-shadow:4px 4px  
4px 4px #009324; box-shadow:4px 4px 4px  
4px #009324 }
```

# Background

The CSS property to change the background color of an element to Hex 009324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009324 }
```

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

```
.background{ background-color:#009324 }
```

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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