

# Converting Colors

Hex(009149)

Have a look what the booklet for  
Hex(009149) contains.

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**Color**

**Hex(009149)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 009149                      |
| RGB           | 0, 145, 73                  |
| RGB Percent   | 0%, 57%, 29%                |
| CMY           | 1.0000, 0.4314, 0.7137      |
| CMYK          | 1.00, 0.00, 0.50, 0.43      |
| HSL           | 150°, 100%, 28%             |
| HSV           | 150°, 100%, 57%             |
| XYZ           | 11.3280, 20.7318, 9.7079    |
| YIQ           | 93.4370, -63.3080, -53.1320 |

# Conversions

## Conversions Part 2

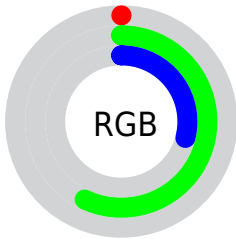
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 0, 96, 145                     |
| Decimal                             | 37193                          |
| CIELab                              | 52.65, -49.87, 29.02           |
| CIELCh                              | 53, 57.696, 149.800            |
| Yxy                                 | 20.7318, 0.2712,<br>0.4964     |
| Android<br>(android.graphics.Color) | 4278227273<br>(0xFF009149)     |
| YUV                                 | 93.4370, -10.0754,<br>-81.9442 |
| Hunter-Lab                          | 45.5322, -35.2722,<br>19.2313  |

# Details

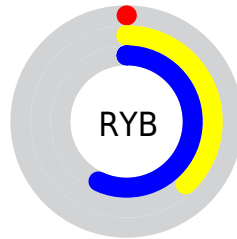
The Hex color **009149** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **910048**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **54C87B**, and **005D1A** is the 20% darker color. If you saturate the color by 10%, you get **009149**, and if you desaturate by 10%, it is **0E9150**.

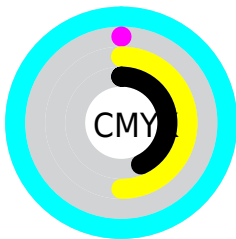
# Distribution



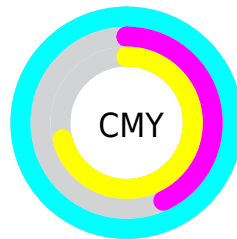
- Red (0%)
- Green (57%)
- Blue (29%)



- Red (0%)
- Yellow (38%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (50%)
- Black (43%)



- Cyan (100%)
- Magenta (43%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 009149 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 009149 by changing the saturation by 10% instead.



 009149

 009149

FFFFFF

 007731

 54C87B

 005D1A

 72E595

 004402

 8FFF80

 002E00

 ACFFCC

 001100

 C9FFE8

 000000

 E7FFFF

 009149

 0E9150

 1D9157

 2C915F

 3A9166

 49916D

 579174

 66917B

 749183

 83918A

# Harmonies

## Analogous

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



65891C



009149



00957C

# Triad

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



009149



0084E1



D3544F

# Complementary

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



009149



910048

# 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.



D44C80



009149



7B71D4

# Square

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



009149



008FD3



B95AB0



BC6825

# Rectangle

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



009149



00959E



B95AB0



D64F5F



# Sweetspot

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



009149



84BDA1



499100



3C5E4D



DEDEDE



5E5E5E



# Same Dimension

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



009149



00BD5F



009191



404744



008744



000804



# Inverse Universe

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



910048



BD005E



910000



474044



870043



080004



# Previews

## White Background



This preview shows how the Hex color 009149 looks on a white background.

## Color Contrast Check

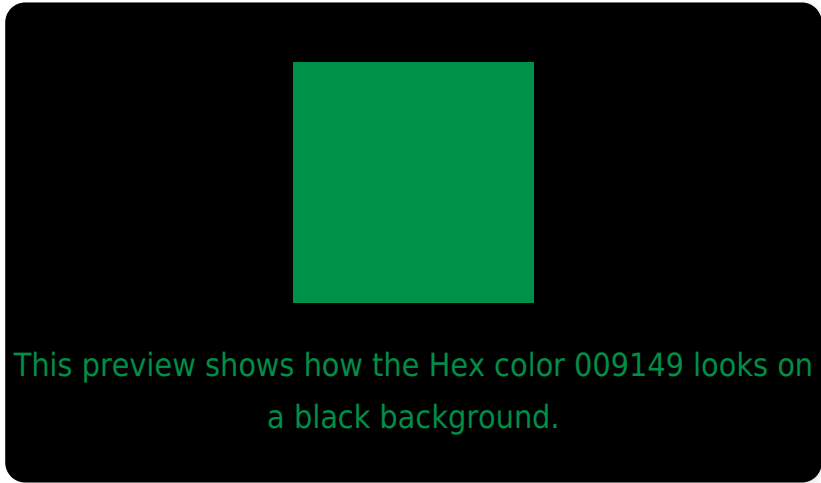
Large Text (above 18pt) WCAG AA ✓ Pass

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 009149 Background



This preview shows how black text looks on a background with the Hex color 009149.

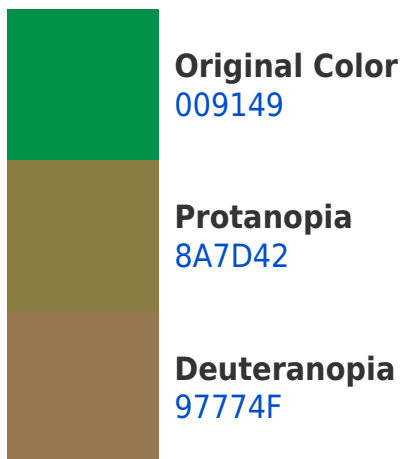


This preview shows how white text looks on a background with the Hex color 009149.

# 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





**Tritanopia**  
378994

# Trichromacy



**Original Color**  
009149



**Protanomaly**  
588445



**Deuteranomaly**  
60804D



**Tritanomaly**  
238C79

# Monochromacy



**Original Color**  
009149



**Achromatopsia**  
5D5D5D



**Achromatomaly**  
3B7056

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 009149 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 #009149 looks like.

```
.text, #text, p{  
    color:#009149  
}
```

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 #009149 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009149
}
```

## Border

The CSS property to change the border of an element to Hex 009149 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
#009149 }
```

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

```
.border{ border-color:#009149 }
```

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

Here you see how a box with a 4 pixel #009149 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009149; -webkit-box-shadow:4px 4px  
4px 4px #009149; box-shadow:4px 4px 4px  
4px #009149 }
```

# Background

The CSS property to change the background color of an element to Hex 009149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009149 }
```

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

```
.background{ background-color:#009149 }
```

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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