

# Converting Colors

Hex(009150)

Have a look what the booklet for  
Hex(009150) contains.

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**Color**

**Hex(009150)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	009150
RGB	0, 145, 80
RGB Percent	0%, 57%, 31%
CMY	1.0000, 0.4314, 0.6863
CMYK	1.00, 0.00, 0.45, 0.43
HSL	153°, 100%, 28%
HSV	153°, 100%, 57%
XYZ	11.5734, 20.8300, 11.0000
YIQ	94.2350, -65.5550, -50.9550

# Conversions

## Conversions Part 2

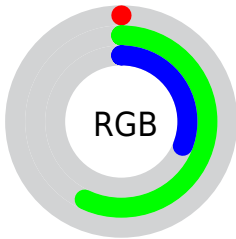
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 93, 145
Decimal	37200
CIELab	52.76, -48.57, 25.41
CIELCh	53, 54.813, 152.383
Yxy	20.8300, 0.2666, 0.4799
Android (android.graphics.Color)	4278227280 (0xFF009150)
YUV	94.2350, -7.0179, -82.6441
Hunter-Lab	45.6399, -34.6057, 17.6580

# Details

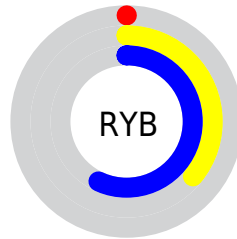
The Hex color **009150** is a dark color, and the websafe version is hex **009966**, and the color name is **spanish green**. A complement of this color would be **910041**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **54C882**, and **005D22** is the 20% darker color. If you saturate the color by 10%, you get **009150**, and if you desaturate by 10%, it is **0E9157**.

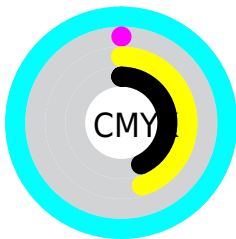
# Distribution



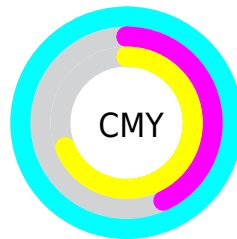
- Red (0%)
- Green (57%)
- Blue (31%)



- Red (0%)
- Yellow (36%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (45%)
- Black (43%)



- Cyan (100%)
- Magenta (43%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 009150 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 009150 by changing the saturation by 10% instead.



 009150

 009150

FFFFFF

 007738

 54C882

 005D22

 71E59C

 00440B

 8EFFB7

 002E00

 ABFFD3

 001100

 C9FFF0

 000000

 E6FFFF

 009150

 0E9157

 1D915D

 2C9164

 3A916A

 499171

 579177

 66917E

 749184

 83918B

# Harmonies

## Analogous

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



628A27



009150



009480

# Triad

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



009150



0082DC



CF584E

# Complementary

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



009150



910041

# 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.



D1507C



009150



8370CE

# Square

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



009150



008ED1



BA5BAA



B86B28

# Rectangle

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



009150



0094A0



BA5BAA



D2545D



# Sweetspot

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



009150



84BDA3



419100



3C5E4F



DEDEDE



5E5E5E



# Same Dimension

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



009150



00BD68



008A91



404744



00874B



000804



# Inverse Universe

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



910041



BD0055



910700



474043



87003D



080003



# Previews

## White Background



This preview shows how the Hex color 009150 looks on a white background.

## Color Contrast Check

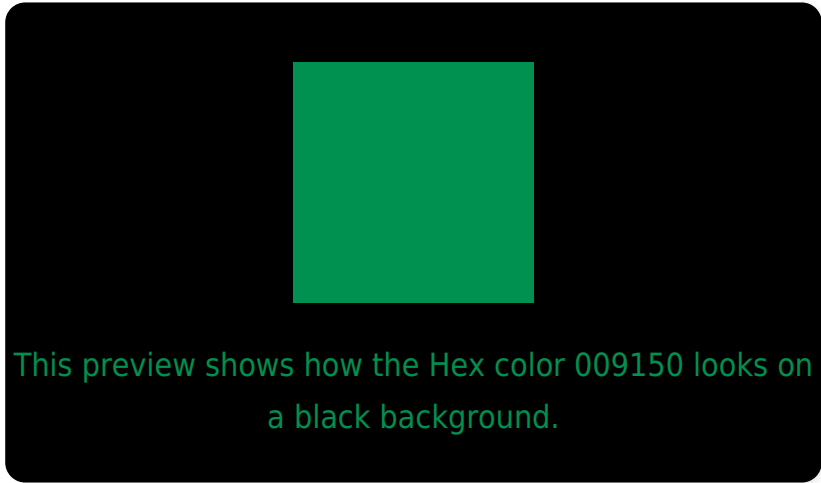
Large Text (above 18pt) WCAG AA ✓ Pass

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 009150 Background



This preview shows how black text looks on a background with the Hex color 009150.

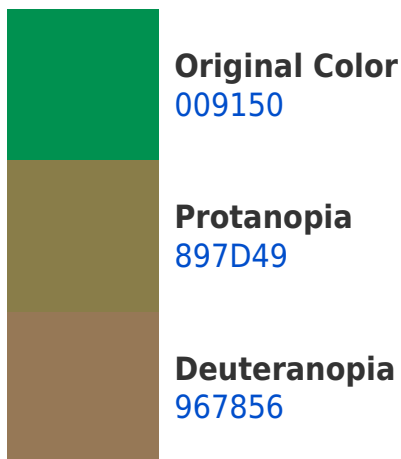


This preview shows how white text looks on a background with the Hex color 009150.

# 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**  
368994

# Trichromacy



**Original Color**  
009150



**Protanomaly**  
57844C



**Deuteranomaly**  
5F8154



**Tritanomaly**  
228C7B

# Monochromacy



**Original Color**  
009150



**Achromatopsia**  
5E5E5E



**Achromatomaly**  
3C7159

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 009150 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 #009150 looks like.

```
.text, #text, p{  
    color:#009150  
}
```

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 #009150 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009150
}
```

## Border

The CSS property to change the border of an element to Hex 009150 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
#009150 }
```

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

```
.border{ border-color:#009150 }
```

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

Here you see how a box with a 4 pixel #009150 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009150; -webkit-box-shadow:4px 4px  
4px 4px #009150; box-shadow:4px 4px 4px  
4px #009150 }
```

# Background

The CSS property to change the background color of an element to Hex 009150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009150 }
```

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

```
.background{ background-color:#009150 }
```

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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