

# Converting Colors

Hex(0C9900)

Have a look what the booklet for  
Hex(0C9900) contains.

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**Color**

**Hex(0C9900)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0C9900
RGB	12, 153, 0
RGB Percent	5%, 60%, 0%
CMY	0.9529, 0.4000, 1.0000
CMYK	0.92, 0.00, 1.00, 0.40
HSL	115°, 100%, 30%
HSV	115°, 100%, 60%
XYZ	11.5429, 22.8606, 3.8042
YIQ	93.3990, -34.9230, -77.4750

# Conversions

## Conversions Part 2

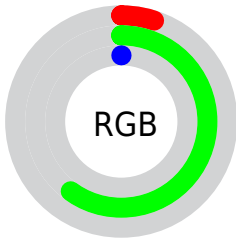
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 153, 141</a>
Decimal	<a href="#">825600</a>
CIELab	<a href="#">54.93, -58.12, 56.91</a>
CIELCh	<a href="#">55, 81.341, 135.604</a>
Yxy	<a href="#">22.8606, 0.3021, 0.5983</a>
Android (android.graphics.Color)	<a href="#">4279015680 (0xFF0C9900)</a>
YUV	<a href="#">93.3990, -46.0457, -71.3869</a>
Hunter-Lab	<a href="#">47.8128, -40.5793, 28.7516</a>

# Details

The Hex color **0C9900** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **8D0099**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **5DD146**, and **006400** is the 20% darker color. If you saturate the color by 10%, you get **0C9900**, and if you desaturate by 10%, it is **1A990F**.

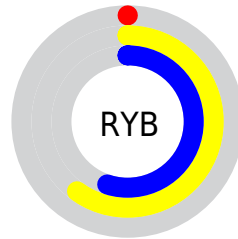
# Distribution



Red (5%)

Green (60%)

Blue (0%)



Red (0%)

Yellow (60%)

Blue (55%)

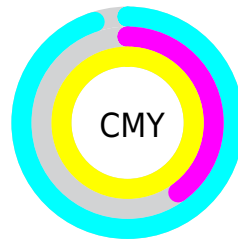


Cyan (92%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (95%)

Magenta (40%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C9900 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 0C9900 by changing the saturation by 10% instead.



 0C9900

 0C9900

FFFFFF

 007E00

 5DD146

 006400

 7BED61

 004B00

 99FF7C

 003400

 B6FF98

 001A00

 D4FFB4

 000000

 F2FFD0

 FFFFED

 0C9900

 1A990F

 28991F

 36992E

 44993D

 52994D

 61995C

 6F996B

 7D997A

 8B998A

# Harmonies

## Analogous

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



7D8C00



0C9900



009F5E

# Triad

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



0C9900



0096FF



FC2362

# Complementary

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



0C9900



8D0099

# 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.



EE2DA8



0C9900



0080FF

# Square

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



0C9900



009FE8



B25CE7



E84F1C

# Rectangle

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



0C9900



00A18F



B25CE7



FC1C7A



# Sweetspot

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



0C9900



90C78B



998C00



426340



E3E3E3



636363



# Same Dimension

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



0C9900



10C700



009940



454D45



0B8C00



010D00



# Inverse Universe

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



8D0099



B700C7



990059



4C454D



81008C

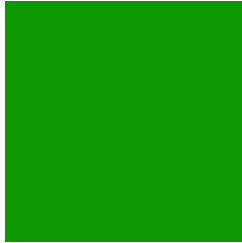


0C000D



# Previews

## White Background



This preview shows how the Hex color 0C9900 looks on a white background.

## Color Contrast Check

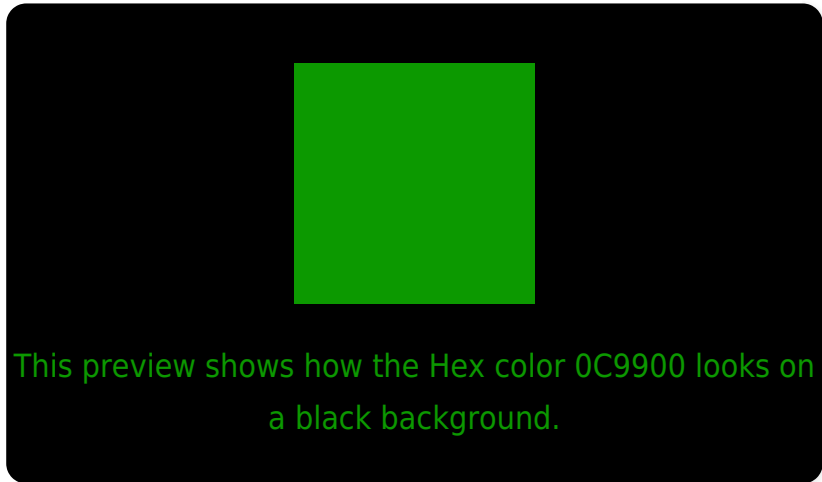
Large Text (above 18pt) WCAG AA ✓ Pass

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 0C9900 Background



This preview shows how black text looks on a background with the Hex color 0C9900.



This preview shows how white text looks on a background with the Hex color 0C9900.

# 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**  
0C9900

**Protanopia**  
938300

**Deuteranopia**  
A47C21



**Tritanopia**  
418E9A

# Trichromacy



**Original Color**  
0C9900



**Protanomaly**  
628B00



**Deuteranomaly**  
6D8715



**Tritanomaly**  
2E9262

# Monochromacy



**Original Color**  
0C9900



**Achromatopsia**  
5D5D5D



**Achromatomaly**  
40733B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C9900 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 #0C9900 looks like.

```
.text, #text, p{  
    color:#0C9900  
}
```

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 #0C9900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C9900
}
```

## Border

The CSS property to change the border of an element to Hex 0C9900 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
#0C9900 }
```

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

```
.border{ border-color:#0C9900 }
```

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

Here you see how a box with a 4 pixel #0C9900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C9900; -webkit-box-shadow:4px 4px  
4px 4px #0C9900; box-shadow:4px 4px 4px  
4px #0C9900 }
```

# Background

The CSS property to change the background color of an element to Hex 0C9900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C9900 }
```

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

```
.background{ background-color:#0C9900 }
```

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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