

# Converting Colors

Hex(1C9A00)

Have a look what the booklet for  
Hex(1C9A00) contains.

<b>Hex(1C9A00)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(1C9A00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1C9A00
RGB	28, 154, 0
RGB Percent	11%, 60%, 0%
CMY	0.8902, 0.3961, 1.0000
CMYK	0.82, 0.00, 1.00, 0.40
HSL	109°, 100%, 30%
HSV	109°, 100%, 60%
XYZ	12.0345, 23.3581, 3.8743
YIQ	98.7700, -25.6620, -74.6060

# Conversions

## Conversions Part 2

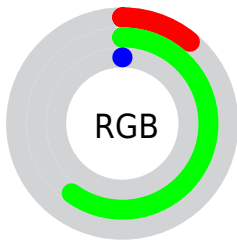
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 154, 126
Decimal	1874432
CIELab	55.44, -56.86, 57.39
CIELCh	55, 80.784, 134.732
Yxy	23.3581, 0.3065, 0.5949
Android (android.graphics.Color)	4280064512 (0xFF1C9A00)
YUV	98.7700, -48.6936, -62.0653
Hunter-Lab	48.3302, -40.1303, 29.0783

# Details

The Hex color **1C9A00** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **7E009A**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **63D246**, and **006500** is the 20% darker color. If you saturate the color by 10%, you get **1C9A00**, and if you desaturate by 10%, it is **299A0F**.

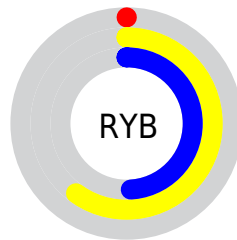
# Distribution



Red (11%)

Green (60%)

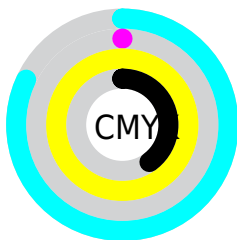
Blue (0%)



Red (0%)

Yellow (60%)

Blue (49%)

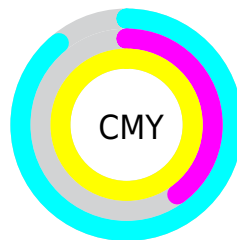


Cyan (82%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (89%)

Magenta (40%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C9A00 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 1C9A00 by changing the saturation by 10% instead.



 1C9A00

 1C9A00

FFFFFF

 007F00

 63D246

 006500

 81EE61

 004C00

 9EFF7C

 003500

 BCFF98

 001C00

 DAFFB4

 000000

 F8FFD1

 FFFFEE

 1C9A00

 299A0F

 359A1F

 429A2E

 4E9A3E

 5B9A4D

 689A5C

 749A6C

 819A7B

 8D9A8B

# Harmonies

## Analogous

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



818C00



1C9A00



00A15D

# Triad

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



1C9A00



0097FF



FD2766

# Complementary

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



1C9A00



7E009A

# 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.



EE32AC



1C9A00



0082FF

# Square

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



1C9A00



00A1E7



B15FEA



EA5021

# Rectangle

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



1C9A00



00A38E



B15FEA



FC217D



# Sweetspot

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



1C9A00



98C98D



9A7E00



486641



E6E6E6



666666



# Same Dimension

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



1C9A00



25C900



009A31



464D45



198C00



020D00



# Inverse Universe

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



7E009A



A500C9



9A0069



4B454D



73008C

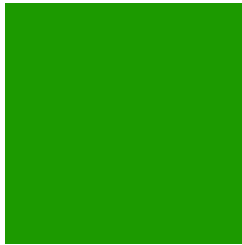


0A000D



# Previews

## White Background



This preview shows how the Hex color 1C9A00 looks on a white background.

## Color Contrast Check

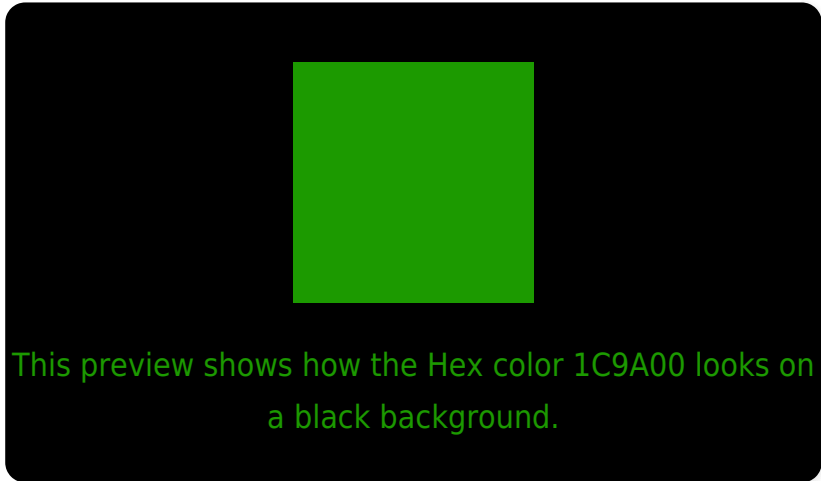
Large Text (above 18pt) WCAG AA ✓ Pass

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

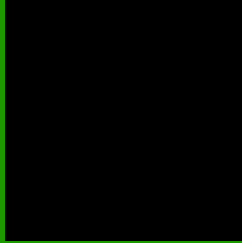
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1C9A00 Background



This preview shows how black text looks on a background with the Hex color 1C9A00.



This preview shows how white text looks on a background with the Hex color 1C9A00.

# 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**  
1C9A00

**Protanopia**  
958400

**Deuteranopia**  
A67D21



**Tritanopia**  
458F9B

# Trichromacy



**Original Color**  
1C9A00



**Protanomaly**  
698C00



**Deuteranomaly**  
748815



**Tritanomaly**  
369363

# Monochromacy



**Original Color**  
1C9A00



**Achromatopsia**  
636363



**Achromatomaly**  
49773F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C9A00 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 #1C9A00 looks like.

```
.text, #text, p{  
    color:#1C9A00  
}
```

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 #1C9A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C9A00
}
```

## Border

The CSS property to change the border of an element to Hex 1C9A00 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
#1C9A00 }
```

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

```
.border{ border-color:#1C9A00 }
```

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

Here you see how a box with a 4 pixel #1C9A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C9A00; -webkit-box-shadow:4px 4px  
4px 4px #1C9A00; box-shadow:4px 4px 4px  
4px #1C9A00 }
```

# Background

The CSS property to change the background color of an element to Hex 1C9A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C9A00 }
```

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

```
.background{ background-color:#1C9A00 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor