

# Converting Colors

Hex(01DD34)

Have a look what the booklet for  
Hex(01DD34) contains.

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**Color**

**Hex(01DD34)**

# Conversions

## Conversions Part 1

Format	Color
Hex	01DD34
RGB	1, 221, 52
RGB Percent	0%, 87%, 20%
CMY	0.9961, 0.1333, 0.7961
CMYK	1.00, 0.00, 0.76, 0.13
HSL	134°, 99%, 44%
HSV	134°, 100%, 87%
XYZ	26.4888, 51.9673, 11.8834
YIQ	135.9540, -76.8710, -99.1990

# Conversions

## Conversions Part 2

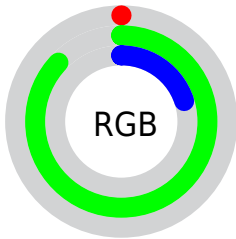
Format	Color
<b>RYB</b>	1, 180, 221
Decimal	122164
CIELab	77.26, -75.39, 65.22
CIELCh	77, 99.686, 139.139
Yxy	51.9673, 0.2932, 0.5752
Android (android.graphics.Color)	4278312244 (0xFF01DD34)
YUV	135.9540, -41.3893, -118.3547
Hunter-Lab	72.0883, -60.5649, 40.6882

# Details

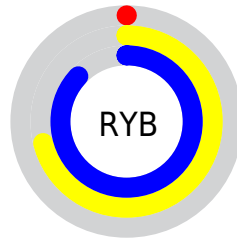
The Hex color **01DD34** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **DD01AA**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **6DFF6E**, and **00A400** is the 20% darker color. If you saturate the color by 10%, you get **00DD33**, and if you desaturate by 10%, it is **17DD45**.

# Distribution



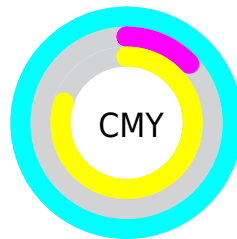
- Red (0%)
- Green (87%)
- Blue (20%)



- Red (0%)
- Yellow (71%)
- Blue (87%)



- Cyan (100%)
- Magenta (0%)
- Yellow (76%)
- Black (13%)



- Cyan (100%)
- Magenta (13%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 01DD34 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 01DD34 by changing the saturation by 10% instead.



 01DD34

 01DD34

FFFFFF

 00C00B

 6DFF6E

 00A400

 8FFF8A

 008800

 AFFFA7

 006E00

 CFFFC3

 005300

 EEFFE0

 003B00

FFFFFFE

 002100

 000000

 01DD34

 01DD34

 00DD33

 17DD45

 2DDD56

 43DD67

 59DD78

 70DD89

 86DD9A

 9CDDAB

 B2DDBC

 C8DDCD

# Harmonies

## Analogous

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



AECC00



01DD34



00E599

# Triad

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



01DD34



00D4FF



FF5389

# Complementary

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



01DD34



DD01AA

# 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.



FF53E5



01DD34



59B5FF

# Square

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



01DD34



00E3FF



FF86FF



FF832E

# Rectangle

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



01DD34



00E7DA



FF86FF



FF4AA7

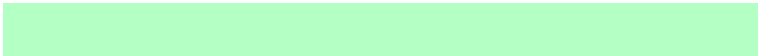


# Sweetspot

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



01DD34



B3FFC4



ADDD01



52805C



000000



808080



# Same Dimension

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



01DD34



00FF3B



01DD9F



636E65



00AD28



002E0B



# Inverse Universe

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



DD01AA



FF00C4



DD013F



6E636B



AD0085

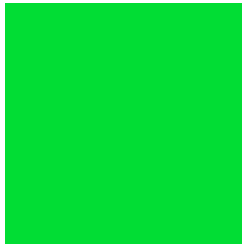


2E0023



# Previews

## White Background



This preview shows how the Hex color 01DD34 looks on a white background.

## Color Contrast Check

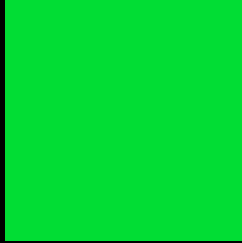
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 01DD34 looks on a 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 ✓ Pass

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



## Hex 01DD34 Background



This preview shows how black text looks on a background with the Hex color 01DD34.

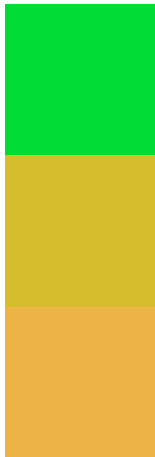


This preview shows how white text looks on a background with the Hex color 01DD34.

# 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](#).

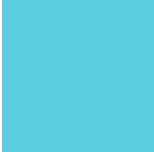
## Dichromacy



**Original Color**  
01DD34

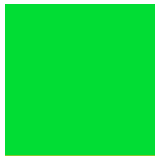
**Protanopia**  
D5BD2C

**Deuteranopia**  
ECB445



**Tritanopia**  
5BCEDF

# Trichromacy



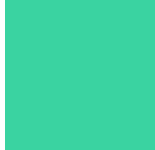
**Original Color**  
01DD34



**Protanomaly**  
88C92F



**Deuteranomaly**  
97C33F



**Tritanomaly**  
3AD3A1

# Monochromacy



**Original Color**  
01DD34



**Achromatopsia**  
888888



**Achromatomaly**  
57A769

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 01DD34 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 #01DD34 looks like.

```
.text, #text, p{  
    color:#01DD34  
}
```

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 #01DD34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01DD34
}
```

## Border

The CSS property to change the border of an element to Hex 01DD34 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
#01DD34 }
```

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

```
.border{ border-color:#01DD34 }
```

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

Here you see how a box with a 4 pixel #01DD34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01DD34; -webkit-box-shadow:4px 4px  
4px 4px #01DD34; box-shadow:4px 4px 4px  
4px #01DD34 }
```

# Background

The CSS property to change the background color of an element to Hex 01DD34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01DD34 }
```

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

```
.background{ background-color:#01DD34 }
```

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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