

# Converting Colors

Hex(03FD34)

Have a look what the booklet for  
Hex(03FD34) contains.

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**Color**

**Hex(03FD34)**

# Conversions

## Conversions Part 1

Format	Color
Hex	03FD34
RGB	3, 253, 52
RGB Percent	1%, 99%, 20%
CMY	0.9882, 0.0078, 0.7961
CMYK	0.99, 0.00, 0.79, 0.01
HSL	132°, 98%, 50%
HSV	132°, 99%, 99%
XYZ	35.7827, 70.5179, 14.9742
YIQ	155.3360, -84.4790, -115.5110

# Conversions

## Conversions Part 2

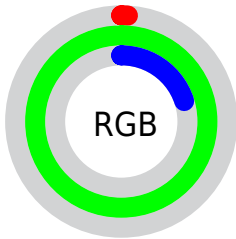
Format	Color
<a href="#">RYB</a>	<a href="#">3, 212, 253</a>
Decimal	<a href="#">261428</a>
CIELab	<a href="#">87.25, -84.01, 74.78</a>
CIELCh	<a href="#">87, 112.473, 138.325</a>
Yxy	<a href="#">70.5179, 0.2951, 0.5815</a>
Android (android.graphics.Color)	<a href="#">4278451508 (0xFF03FD34)</a>
YUV	<a href="#">155.3360, -50.9446, -133.5987</a>
Hunter-Lab	<a href="#">83.9749, -70.8952, 48.2100</a>

# Details

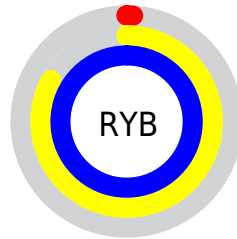
The Hex color **03FD34** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **FD03CC**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **77FF72**, and **00C200** is the 20% darker color. If you saturate the color by 10%, you get **00FD32**, and if you desaturate by 10%, it is **1CFD48**.

# Distribution



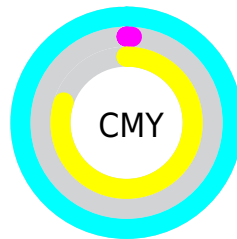
- Red (1%)
- Green (99%)
- Blue (20%)



- Red (1%)
- Yellow (83%)
- Blue (99%)



- Cyan (99%)
- Magenta (0%)
- Yellow (79%)
- Black (1%)



- Cyan (99%)
- Magenta (1%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 03FD34 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 03FD34 by changing the saturation by 10% instead.



 03FD34

 03FD34

FFFFFF

 00DF00

 77FF72

 00C200

 9AFF8F

 00A600

 BBFFAC

 008A00

 DCFFCA

 006F00

 FDFFE7

 005400

 003B00

 002100

 000000

 03FD34

 03FD34

 00FD32

 1CFD48

 36FD5D

 4FFD71

 68FD85

 82FD9A

 9BFDAE

 B4FDC2

 CDFDD7

 E7FDEB

# Harmonies

## Analogous

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



C9E900



03FD34



00FFAC

# Triad

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



03FD34



00F4FF



FF5A9F

# Complementary

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



03FD34



FD03CC

# 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.



FF5CFF



03FD34



50D1FF

# Square

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



03FD34



00FFFF



FF9AFF



FF9335

# Rectangle

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



03FD34



00FFF7



FF9AFF



FF4FC2

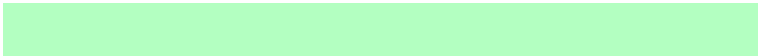


# Sweetspot

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



03FD34



B3FFC1



CFFD03



52805B



000000



808080



# Same Dimension

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



03FD34



00FF32



03FDAE



738075



00BF25



00400C



# Inverse Universe

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



FD03CC



FF00CD



FD0352



80737D



BF009A

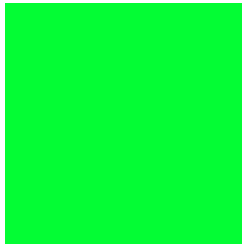


400033



# Previews

## White Background



This preview shows how the Hex color 03FD34 looks on a white background.

## Color Contrast Check

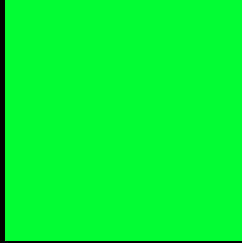
Large Text (above 18pt) WCAG AA × Fail

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 03FD34 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

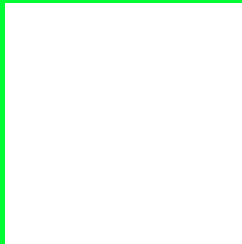
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 03FD34 Background



This preview shows how black text looks on a background with the Hex color 03FD34.

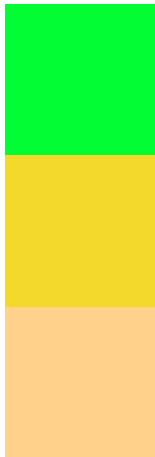


This preview shows how white text looks on a background with the Hex color 03FD34.

# 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](#).

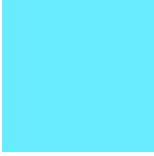
## Dichromacy



**Original Color**  
03FD34

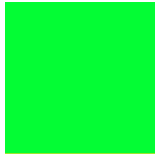
**Protanopia**  
F3D92B

**Deuteranopia**  
FFD18B



**Tritanopia**  
69ECFF

# Trichromacy



**Original Color**  
03FD34



**Protanomaly**  
9CE62E

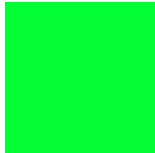


**Deuteranomaly**  
A3E16B



**Tritanomaly**  
44F2B5

# Monochromacy



**Original Color**  
03FD34



**Achromatopsia**  
9B9B9B



**Achromatomaly**  
64BF76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 03FD34 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 #03FD34 looks like.

```
.text, #text, p{  
    color:#03FD34  
}
```

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 #03FD34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03FD34
}
```

## Border

The CSS property to change the border of an element to Hex 03FD34 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
#03FD34 }
```

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

```
.border{ border-color:#03FD34 }
```

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

Here you see how a box with a 4 pixel #03FD34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03FD34; -webkit-box-shadow:4px 4px  
4px 4px #03FD34; box-shadow:4px 4px 4px  
4px #03FD34 }
```

# Background

The CSS property to change the background color of an element to Hex 03FD34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03FD34 }
```

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

```
.background{ background-color:#03FD34 }
```

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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