

# Converting Colors

Hex(05FF34)

Have a look what the booklet for  
Hex(05FF34) contains.

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**Color**

**Hex(05FF34)**

# Conversions

## Conversions Part 1

Format	Color
Hex	05FF34
RGB	5, 255, 52
RGB Percent	2%, 100%, 20%
CMY	0.9804, 0.0000, 0.7961
CMYK	0.98, 0.00, 0.80, 0.00
HSL	131°, 100%, 51%
HSV	131°, 98%, 100%
XYZ	36.4424, 71.8002, 15.1869
YIQ	157.1080, -83.8370, -116.1330

# Conversions

## Conversions Part 2

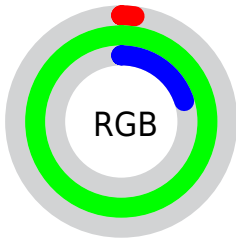
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">5, 215, 255</a>
Decimal	<a href="#">393012</a>
CIELab	<a href="#">87.87, -84.49, 75.37</a>
CIELCh	<a href="#">88, 113.219, 138.264</a>
Yxy	<a href="#">71.8002, 0.2952, 0.5817</a>
Android (android.graphics.Color)	<a href="#">4278583092 (0xFF05FF34)</a>
YUV	<a href="#">157.1080, -51.8182, -133.3987</a>
Hunter-Lab	<a href="#">84.7350, -71.5178, 48.6880</a>

# Details

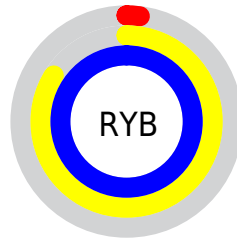
The Hex color **05FF34** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **FF05D0**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **77FF72**, and **00C400** is the 20% darker color. If you saturate the color by 10%, you get **00FF30**, and if you desaturate by 10%, it is **1FFF49**.

# Distribution



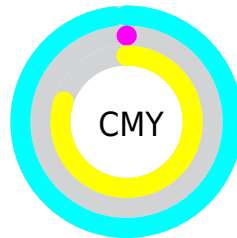
- Red (2%)
- Green (100%)
- Blue (20%)



- Red (2%)
- Yellow (84%)
- Blue (100%)



- Cyan (98%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)



- Cyan (98%)
- Magenta (0%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 05FF34 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 05FF34 by changing the saturation by 10% instead.



 05FF34

 05FF34

FFFFFF

 00E100

 77FF72

 00C400

 9BFF90

 00A800

 BCFFAD

 008C00

 DDFPCA

 007100

 FEFFE8

 005600

 003D00

 002200

 000000

 05FF34

 05FF34

 00FF30

 1FFF49

 38FF5D

 52FF72

 6BFF87

 85FF9C

 9EFFB0

 B8FFC5

 D1FFDA

 EBFFEE

# Harmonies

## Analogous

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



CBEB00



05FF34



00FFAD

# Triad

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



05FF34



00F6FF



FF5AA0

# Complementary

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



05FF34



FF05D0

# 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.



FF5DFF



05FF34



4FD3FF

# Square

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



05FF34



00FFFF



FF9BFF



FF9435

# Rectangle

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



05FF34



00FFF8



FF9BFF



FF4FC3

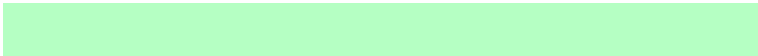


# Sweetspot

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



05FF34



B5FFC3



D1FF05



53805B



000000



808080



# Same Dimension

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



05FF34



00FF30



05FFB0



738075



00BF24



00400C



# Inverse Universe

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



FF05D0



FF00CF



FF0554



80737D



BF009B

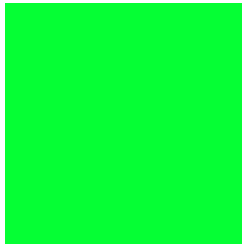


400034



# Previews

## White Background



This preview shows how the Hex color 05FF34 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 05FF34 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

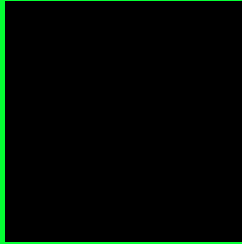
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

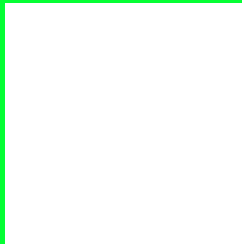
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 05FF34 Background



This preview shows how black text looks on a background with the Hex color 05FF34.

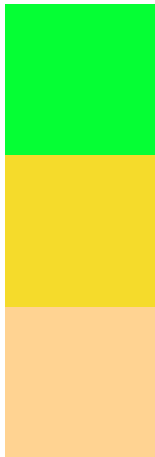


This preview shows how white text looks on a background with the Hex color 05FF34.

# 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](#).

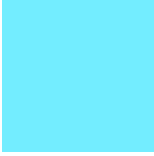
## Dichromacy



**Original Color**  
05FF34

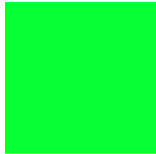
**Protanopia**  
F5DB2B

**Deuteranopia**  
FFD392



**Tritanopia**  
73EDFF

# Trichromacy



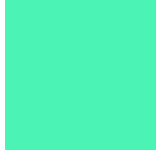
**Original Color**  
05FF34



**Protanomaly**  
9EE82E

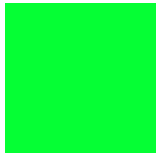


**Deuteranomaly**  
A4E370

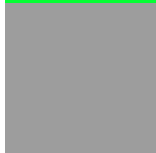


**Tritanomaly**  
4BF4B5

# Monochromacy



**Original Color**  
05FF34



**Achromatopsia**  
9D9D9D



**Achromatomaly**  
66C177

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 05FF34 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 #05FF34 looks like.

```
.text, #text, p{  
    color:#05FF34  
}
```

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 #05FF34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05FF34
}
```

## Border

The CSS property to change the border of an element to Hex 05FF34 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
#05FF34 }
```

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

```
.border{ border-color:#05FF34 }
```

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

Here you see how a box with a 4 pixel #05FF34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05FF34; -webkit-box-shadow:4px 4px  
4px 4px #05FF34; box-shadow:4px 4px 4px  
4px #05FF34 }
```

# Background

The CSS property to change the background color of an element to Hex 05FF34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05FF34 }
```

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

```
.background{ background-color:#05FF34 }
```

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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