

Converting Colors

Hex(05FF37)

Have a look what the booklet for
Hex(05FF37) contains.

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Color

Hex(05FF37)

Conversions

Conversions Part 1

Format	Color
Hex	05FF37
RGB	5, 255, 55
RGB Percent	2%, 100%, 22%
CMY	0.9804, 0.0000, 0.7843
CMYK	0.98, 0.00, 0.78, 0.00
HSL	132°, 100%, 51%
HSV	132°, 98%, 100%
XYZ	36.5122, 71.8281, 15.5543
YIQ	157.4500, -84.8000, -115.2000

Conversions

Conversions Part 2

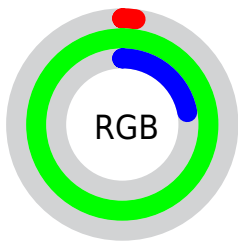
Format	Color
RYB	5, 213, 255
Decimal	393015
CIELab	87.89, -84.31, 74.56
CIELCh	88, 112.553, 138.512
Yxy	71.8281, 0.2947, 0.5798
Android (android.graphics.Color)	4278583095 (0xFF05FF37)
YUV	157.4500, -50.5079, -133.6987
Hunter-Lab	84.7515, -71.4146, 48.4447

Details

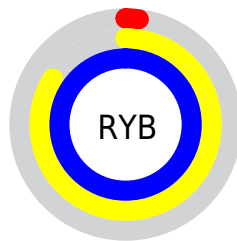
The Hex color **05FF37** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **FF05CD**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **77FF75**, and **00C400** is the 20% darker color. If you saturate the color by 10%, you get **00FF33**, and if you desaturate by 10%, it is **1FFF4B**.

Distribution



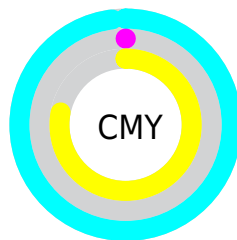
- Red (2%)
- Green (100%)
- Blue (22%)



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



- Cyan (98%)
- Magenta (0%)
- Yellow (78%)
- Black (0%)



- Cyan (98%)
- Magenta (0%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05FF37 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 05FF37 by changing the saturation by 10% instead.

 05FF37

 05FF37

FFFFFF

 00E105

 77FF75

 00C400

 9BFF92

 00A800

 BCFFAF

 008C00

 DDF FCC

 007100

 FDFFEA

 005600

 003D00

 002200

 000000

 05FF37

 05FF37

 00FF33

 1FFF4B

 38FF60

 52FF74

 6BFF89

 85FF9D

 9EFFB1

 B8FFC6

 D1FFDA

 EBFFE7

Harmonies

Analogous

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



CBEB00



05FF37



00FFAE

Triad

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



05FF37



00F5FF



FF5CA0

Complementary

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



05FF37



FF05CD

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.



FF5EFF



05FF37



57D2FF

Square

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



05FF37



00FFFF



FF9BFF



FF9536

Rectangle

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



05FF37



00FFF9



FF9BFF



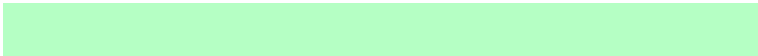
FF52C3

Sweetspot

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



05FF37



B5FFC4



CDFF05



53805C



000000



808080

Same Dimension

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



05FF37



00FF33



05FFB4



738075



00BF26



00400D

Inverse Universe

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



FF05CD



FF00CC



FF0550



80737D



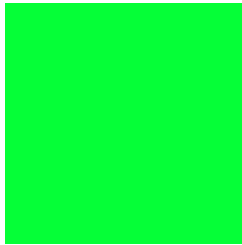
BF0099



400033

Previews

White Background



This preview shows how the Hex color 05FF37 looks on a white background.

Color Contrast Check

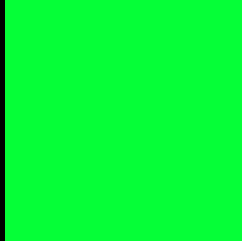
Large Text (above 18pt) WCAG AA × Fail

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 05FF37 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

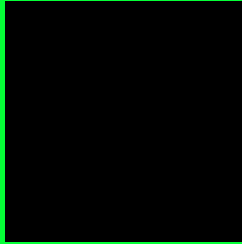
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

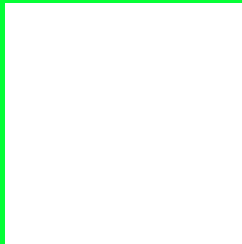
Any Text WCAG AAA ✓ Pass

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

Hex 05FF37 Background



This preview shows how black text looks on a background with the Hex color 05FF37.

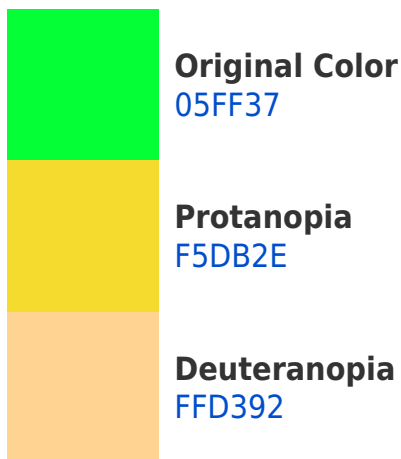


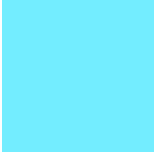
This preview shows how white text looks on a background with the Hex color 05FF37.

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](#).

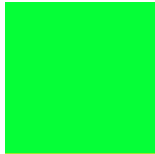
Dichromacy





Tritanopia
73EDFF

Trichromacy



Original Color
05FF37



Protanomaly
9EE831

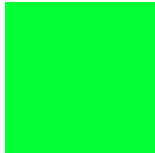


Deuteranomaly
A4E371



Tritanomaly
4BF4B6

Monochromacy



Original Color
05FF37



Achromatopsia
9D9D9D



Achromatomaly
66C178

CSS Examples

Text

The CSS property to change the color of the text to Hex 05FF37 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 #05FF37 looks like.

```
.text, #text, p{  
    color:#05FF37  
}
```

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 #05FF37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05FF37
}
```

Border

The CSS property to change the border of an element to Hex 05FF37 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".

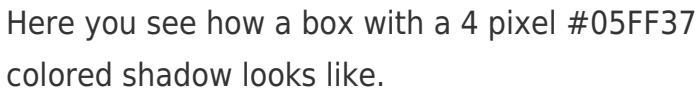
```
.border, #border, table{ border:4px solid
#05FF37 }
```

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

```
.border{ border-color:#05FF37 }
```

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

Here you see how a box with a 4 pixel #05FF37 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05FF37; -webkit-box-shadow:4px 4px  
4px 4px #05FF37; box-shadow:4px 4px 4px  
4px #05FF37 }
```

Background

The CSS property to change the background color of an element to Hex 05FF37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05FF37 }
```

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

```
.background{ background-color:#05FF37 }
```

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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