

Converting Colors

Hex(04FC36)

Have a look what the booklet for
Hex(04FC36) contains.

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Color

Hex(04FC36)

Conversions

Conversions Part 1

Format	Color
Hex	04FC36
RGB	4, 252, 54
RGB Percent	2%, 99%, 21%
CMY	0.9843, 0.0118, 0.7882
CMYK	0.98, 0.00, 0.79, 0.01
HSL	132°, 98%, 50%
HSV	132°, 98%, 99%
XYZ	35.5263, 69.9130, 15.1122
YIQ	155.2760, -84.2500, -114.1540

Conversions

Conversions Part 2

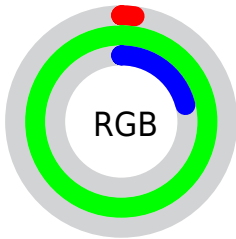
Format	Color
RYB	4, 210, 252
Decimal	326710
CIELab	86.95, -83.60, 73.96
CIELCh	87, 111.616, 138.502
Yxy	69.9130, 0.2947, 0.5799
Android (android.graphics.Color)	4278516790 (0xFF04FC36)
YUV	155.2760, -49.9291, -132.6691
Hunter-Lab	83.6140, -70.4825, 47.8139

Details

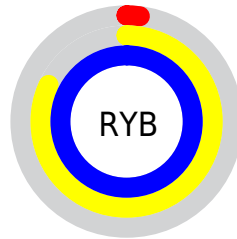
The Hex color **04FC36** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **FC04CA**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **76FF74**, and **00C200** is the 20% darker color. If you saturate the color by 10%, you get **00FC33**, and if you desaturate by 10%, it is **1DFC4A**.

Distribution



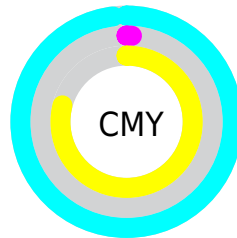
- Red (2%)
- Green (99%)
- Blue (21%)



- Red (2%)
- Yellow (82%)
- Blue (99%)



- Cyan (98%)
- Magenta (0%)
- Yellow (79%)
- Black (1%)



- Cyan (98%)
- Magenta (1%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04FC36 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 04FC36 by changing the saturation by 10% instead.

 04FC36

FFFFFF

 76FF74

 9AFF91

 BBFFAE

 DCFFCB

 FCFFE8

 04FC36

 00DE03

 00C200

 00A500

 008900

 006E00

 005300

 003A00

 002000

 000000

 04FC36

 04FC36

 00FC33

 1DFC4A

 36FC5E

 50FC72

 69FC86

 82FC9B

 9BFCAF

 B4FCC3

 CEFCD7

 E7FCEB

Harmonies

Analogous

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



C8E900



04FC36



00FFAC

Triad

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



04FC36



00F3FF



FF5B9E

Complementary

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



04FC36



FC04CA

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



04FC36



56D0FF

Square

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



04FC36



00FFFF



FF99FF



FF9335

Rectangle

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



04FC36



00FFF6



FF99FF



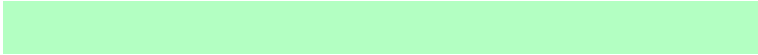
FF51C0

Sweetspot

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



04FC36



B3FFC2



CAFC04



52805B



000000



808080

Same Dimension

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



04FC36



00FF33



04FCB2



707D73



00BD26



003D0C

Inverse Universe

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



FC04CA



FF00CC



FC044E



7D707A



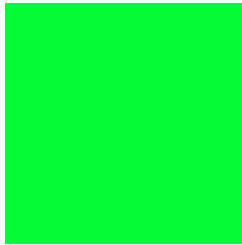
BD0097



3D0031

Previews

White Background



This preview shows how the Hex color 04FC36 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 04FC36 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

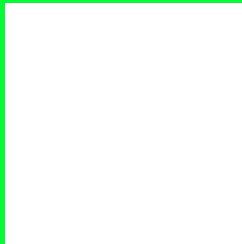
Any Text WCAG AAA ✓ Pass

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

Hex 04FC36 Background



This preview shows how black text looks on a background with the Hex color 04FC36.

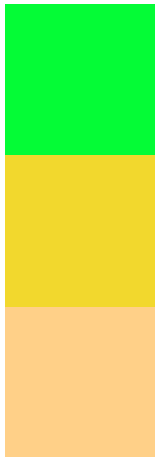


This preview shows how white text looks on a background with the Hex color 04FC36.

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](#).

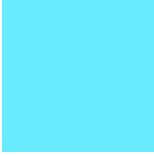
Dichromacy



Original Color
04FC36

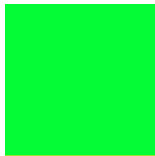
Protanopia
F2D82D

Deuteranopia
FFD088



Tritanopia
68EBFE

Trichromacy



Original Color
04FC36



Protanomaly
9BE530

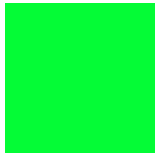


Deuteranomaly
A4E06A



Tritanomaly
44F1B5

Monochromacy



Original Color
04FC36



Achromatopsia
9B9B9B



Achromatomaly
64BE76

CSS Examples

Text

The CSS property to change the color of the text to Hex 04FC36 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 #04FC36 looks like.

```
.text, #text, p{  
    color:#04FC36  
}
```

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 #04FC36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04FC36
}
```

Border

The CSS property to change the border of an element to Hex 04FC36 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
#04FC36 }
```

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

```
.border{ border-color:#04FC36 }
```

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

Here you see how a box with a 4 pixel #04FC36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04FC36; -webkit-box-shadow:4px 4px  
4px 4px #04FC36; box-shadow:4px 4px 4px  
4px #04FC36 }
```

Background

The CSS property to change the background color of an element to Hex 04FC36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04FC36 }
```

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

```
.background{ background-color:#04FC36 }
```

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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