

# Converting Colors

Hex(06FF4C)

Have a look what the booklet for  
Hex(06FF4C) contains.

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**Color**

**Hex(06FF4C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	06FF4C
RGB	6, 255, 76
RGB Percent	2%, 100%, 30%
CMY	0.9765, 0.0000, 0.7020
CMYK	0.98, 0.00, 0.70, 0.00
HSL	137°, 100%, 51%
HSV	137°, 98%, 100%
XYZ	37.1396, 72.0805, 18.7930
YIQ	160.1430, -90.9450, -108.4570

# Conversions

## Conversions Part 2

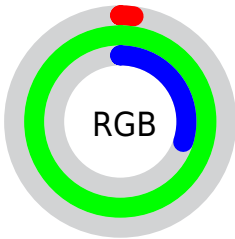
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 200, 255
Decimal	458572
CIELab	88.01, -82.77, 67.97
CIELCh	88, 107.098, 140.607
Yxy	72.0805, 0.2901, 0.5631
Android (android.graphics.Color)	4278648652 (0xFF06FF4C)
YUV	160.1430, -41.4825, -135.1834
Hunter-Lab	84.9002, -70.4906, 46.3061

# Details

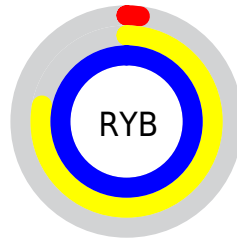
The Hex color **06FF4C** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **FF06B9**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **77FF85**, and **00C400** is the 20% darker color. If you saturate the color by 10%, you get **00FF48**, and if you desaturate by 10%, it is **20FF5E**.

# Distribution



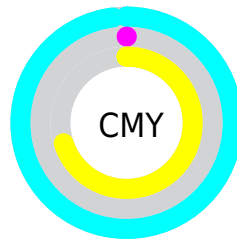
- Red (2%)
- Green (100%)
- Blue (30%)



- Red (2%)
- Yellow (78%)
- Blue (100%)



- Cyan (98%)
- Magenta (0%)
- Yellow (70%)
- Black (0%)



- Cyan (98%)
- Magenta (0%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 06FF4C 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 06FF4C by changing the saturation by 10% instead.



 06FF4C

 06FF4C

FFFFFF

 00E12C

 77FF85

 00C400

 9AFFA2

 00A800

 BBFFBF

 008C00

 DCFFDC

 007100

 FCFFFA


 005600

 003D00

 002300

 000000

 06FF4C

 06FF4C

 00FF48

 20FF5E

 39FF71

 53FF83

 6CFF95

 86FFA8

 9FFFBA

 B9FFCC

 D2FFDF

 ECFFF1

# Harmonies

## Analogous

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



C6ED00



06FF4C



00FFB8

# Triad

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



06FF4C



00F3FF



FF6D9C

# Complementary

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



06FF4C



FF06B9

# Split Complementary

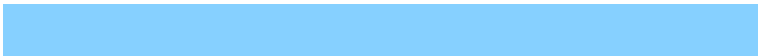
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF69FF



06FF4C



86D0FF

# Square

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



06FF4C



00FFFF



FF9CFF



FF9E39

# Rectangle

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



06FF4C



00FFFF



FF9CFF



FF63BD

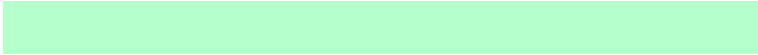


# Sweetspot

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



06FF4C



B5FFCA



BDFF06



53805F



000000



808080



# Same Dimension

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



06FF4C



00FF48



06FFC5



738076



00BF36



004012



# Inverse Universe

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



FF06B9



FF00B7



FF0640



80737C



BF0089

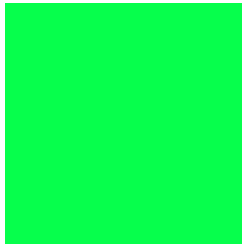


40002E



# Previews

## White Background



This preview shows how the Hex color 06FF4C 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 06FF4C 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 06FF4C Background



This preview shows how black text looks on a background with the Hex color 06FF4C.

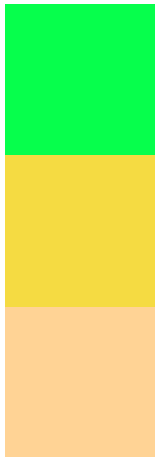


This preview shows how white text looks on a background with the Hex color 06FF4C.

# 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](#).

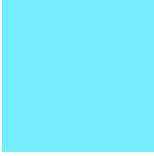
## Dichromacy



**Original Color**  
E67E22

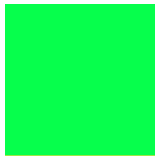
**Protanopia**  
F5DB42

**Deuteranopia**  
FFD395



**Tritanopia**  
74EDFF

# Trichromacy



**Original Color**  
06FF4C



**Protanomaly**  
9EE846



**Deuteranomaly**  
A4E37A



**Tritanomaly**  
4CF4BE

# Monochromacy



**Original Color**  
06FF4C



**Achromatopsia**  
A0A0A0



**Achromatomaly**  
68C381

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 06FF4C 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 #06FF4C looks like.

```
.text, #text, p{  
    color:#06FF4C  
}
```

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 #06FF4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06FF4C
}
```

## Border

The CSS property to change the border of an element to Hex 06FF4C 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
#06FF4C }
```

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

```
.border{ border-color:#06FF4C }
```

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

Here you see how a box with a 4 pixel #06FF4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06FF4C; -webkit-box-shadow:4px 4px  
4px 4px #06FF4C; box-shadow:4px 4px 4px  
4px #06FF4C }
```

# Background

The CSS property to change the background color of an element to Hex 06FF4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06FF4C }
```

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

```
.background{ background-color:#06FF4C }
```

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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