

Converting Colors

Hex(00FF4D)

Have a look what the booklet for
Hex(00FF4D) contains.

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Color

Hex(00FF4D)

Conversions

Conversions Part 1

Format	Color
Hex	00FF4D
RGB	0, 255, 77
RGB Percent	0%, 100%, 30%
CMY	1.0000, 0.0000, 0.6980
CMYK	1.00, 0.00, 0.70, 0.00
HSL	138°, 100%, 50%
HSV	138°, 100%, 100%
XYZ	37.0996, 72.0558, 18.9740
YIQ	158.4630, -94.8420, -109.4180

Conversions

Conversions Part 2

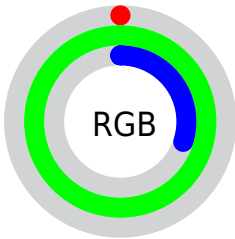
Format	Color
RYB	0, 196, 255
Decimal	65357
CIELab	88.00, -82.85, 67.59
CIELCh	88, 106.921, 140.790
Yxy	72.0558, 0.2895, 0.5624
Android (android.graphics.Color)	4278255437 (0xFF00FF4D)
YUV	158.4630, -40.1613, -138.9721
Hunter-Lab	84.8857, -70.5360, 46.1672

Details

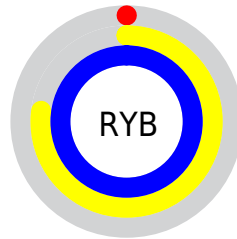
The Hex color **00FF4D** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **FF00B2**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **76FF86**, and **00C400** is the 20% darker color. If you saturate the color by 10%, you get **00FF4D**, and if you desaturate by 10%, it is **19FF5F**.

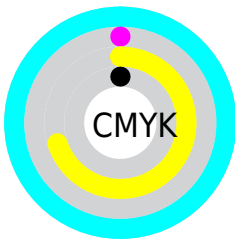
Distribution



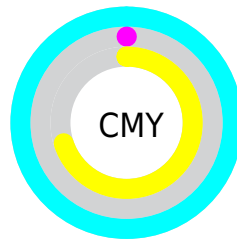
- Red (0%)
- Green (100%)
- Blue (30%)



- Red (0%)
- Yellow (77%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (70%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00FF4D 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 00FF4D by changing the saturation by 10% instead.

 00FF4D

 00FF4D

FFFFFF

 00E12E

 76FF86

 00C400

 99FFA3

 00A800

 BAFFC0

 008C00

 DBFFDD

 007100

 FBFFFA

 005600

 003D00

 002300

 000000

 00FF4D

 19FF5F

 33FF71

 4DFF82

 66FF94

 80FFA6

 99FFB8

 B3FFCA

 CCFFDB

 E6FFED

Harmonies

Analogous

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



C5ED00



00FF4D



00FFB9

Triad

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



00FF4D



00F2FF



FF6D9B

Complementary

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



00FF4D



FF00B2

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.



FF6AFF



00FF4D



88D0FF

Square

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



00FF4D



00FFFF



FF9CFF



FF9F39

Rectangle

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



00FF4D



00FFFF



FF9CFF



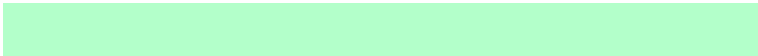
FF64BD

Sweetspot

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



00FF4D



B3FFCA



B3FF00



52805F



000000



808080

Same Dimension

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



00FF4D



00FFCC



738077



00BF3A



004013

Inverse Universe

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



FF00B2



FF0033



80737C



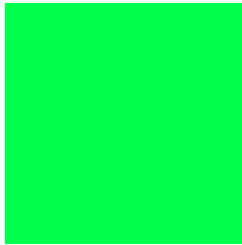
BF0086



40002D

Previews

White Background



This preview shows how the Hex color 00FF4D 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 00FF4D 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 00FF4D Background



This preview shows how black text looks on a background with the Hex color 00FF4D.

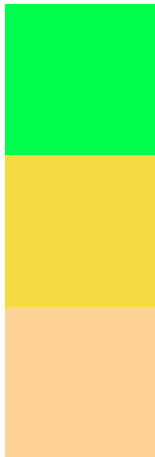


This preview shows how white text looks on a background with the Hex color 00FF4D.

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](#).

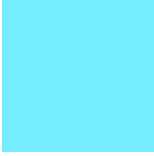
Dichromacy



Original Color
00FF4D

Protanopia
F5DB43

Deuteranopia
FFD396



Tritanopia
75EDFF

Trichromacy



Original Color
00FF4D



Protanomaly
9CE847



Deuteranomaly
A2E37B



Tritanomaly
4AF4BE

Monochromacy



Original Color
00FF4D



Achromatopsia
9E9E9E



Achromatomaly
65C181

CSS Examples

Text

The CSS property to change the color of the text to Hex 00FF4D 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 #00FF4D looks like.

```
.text, #text, p{  
    color:#00FF4D  
}
```

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 #00FF4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FF4D
}
```

Border

The CSS property to change the border of an element to Hex 00FF4D 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
#00FF4D }
```

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

```
.border{ border-color:#00FF4D }
```

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

Here you see how a box with a 4 pixel #00FF4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FF4D; -webkit-box-shadow:4px 4px  
4px 4px #00FF4D; box-shadow:4px 4px 4px  
4px #00FF4D }
```

Background

The CSS property to change the background color of an element to Hex 00FF4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FF4D }
```

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

```
.background{ background-color:#00FF4D }
```

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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