

Converting Colors

Hex(4DFF4E)

Have a look what the booklet for
Hex(4DFF4E) contains.

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Color

Hex(4DFF4E)

Conversions

Conversions Part 1

Format	Color
Hex	4DFF4E
RGB	77, 255, 78
RGB Percent	30%, 100%, 31%
CMY	0.6980, 0.0000, 0.6941
CMYK	0.70, 0.00, 0.69, 0.00
HSL	120°, 100%, 65%
HSV	120°, 70%, 100%
XYZ	40.1957, 73.6478, 19.3047
YIQ	181.6000, -49.2710, -92.7830

Conversions

Conversions Part 2

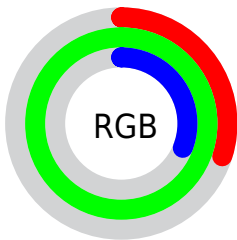
Format	Color
RYB	77, 254, 255
Decimal	5111630
CIELab	88.76, -76.23, 68.26
CIELCh	89, 102.323, 138.158
Yxy	73.6478, 0.3019, 0.5531
Android (android.graphics.Color)	4283301710 (0xFF4DFF4E)
YUV	181.6000, -51.0748, -91.7342
Hunter-Lab	85.8183, -66.5760, 46.7357

Details

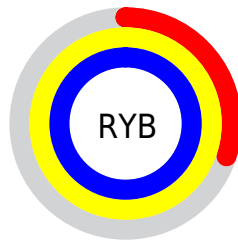
The Hex color **4DFF4E** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **FF4DFE**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **94FF87**, and **00C500** is the 20% darker color. If you saturate the color by 10%, you get **34FF35**, and if you desaturate by 10%, it is **67FF67**.

Distribution



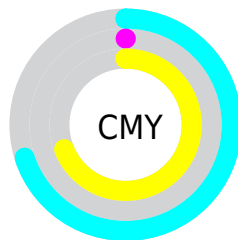
- Red (30%)
- Green (100%)
- Blue (31%)



- Red (30%)
- Yellow (100%)
- Blue (100%)



- Cyan (70%)
- Magenta (0%)
- Yellow (69%)
- Black (0%)



- Cyan (70%)
- Magenta (0%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DFF4E 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 4DFF4E by changing the saturation by 10% instead.

 4DFF4E

 4DFF4E

FFFFFF

 14E22F

 94FF87

 00C500

 B4FFA4

 00A800

 D4FFC1

 008D00

 F4FFDE

 007200

 FFFFFC

 005700

 003F00

 002500

 000000

 4DFF4E

 4DFF4E

 34FF35

 67FF67

 1AFF1B

 80FF81

 01FF02

 9AFF9A

 00FF01

 B3FFB3

 CDFFCD

 E6FFE6

FFFFFF

Harmonies

Analogous

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



D3EC00



4DFF4E



00FFB3

Triad

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



4DFF4E



00F6FF



FF76A8

Complementary

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



4DFF4E



FF4DFE

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.



FF79FF



4DFF4E



7AD6FF

Square

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



4DFF4E



00FFFF



FFA7FF



FFA04C

Rectangle

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



4DFF4E



00FFF8



FFA7FF



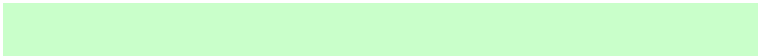
FF70C8

Sweetspot

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



4DFF4E



C9FFCA



FFFF4D



608060



000000



808080

Same Dimension

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



4DFF4E



29FF2A



4DFFA6



738073



00BF01



004000

Inverse Universe

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



FF4DFE



FF29FE



FF4DA6



80737F



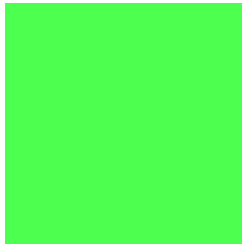
BF00BE



40003F

Previews

White Background



This preview shows how the Hex color 4DFF4E 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 4DFF4E 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 4DFF4E Background



This preview shows how black text looks on a background with the Hex color 4DFF4E.

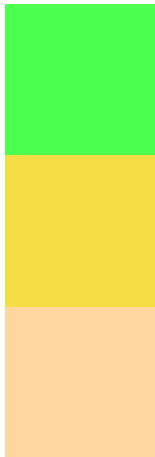


This preview shows how white text looks on a background with the Hex color 4DFF4E.

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](#).

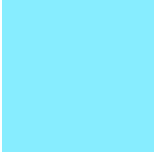
Dichromacy



Original Color
4DFF4E

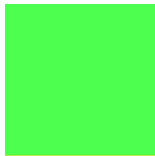
Protanopia
F7DD45

Deuteranopia
FFD69E

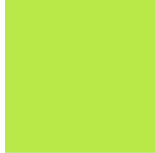


Tritanopia
87EDFF

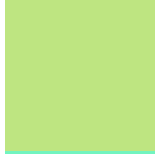
Trichromacy



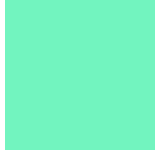
Original Color
4DFF4E



Protanomaly
B9E948

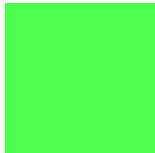


Deuteranomaly
BEE581

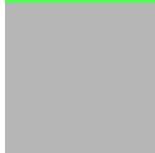


Tritanomaly
72F4BF

Monochromacy



Original Color
4DFF4E



Achromatopsia
B6B6B6



Achromatomaly
90D190

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DFF4E 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 #4DFF4E looks like.

```
.text, #text, p{  
    color:#4DFF4E  
}
```

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 #4DFF4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DFF4E
}
```

Border

The CSS property to change the border of an element to Hex 4DFF4E 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
#4DFF4E }
```

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

```
.border{ border-color:#4DFF4E }
```

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

Here you see how a box with a 4 pixel #4DFF4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DFF4E; -webkit-box-shadow:4px 4px  
4px 4px #4DFF4E; box-shadow:4px 4px 4px  
4px #4DFF4E }
```

Background

The CSS property to change the background color of an element to Hex 4DFF4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DFF4E }
```

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

```
.background{ background-color:#4DFF4E }
```

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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