

Converting Colors

Hex(4DFF51)

Have a look what the booklet for
Hex(4DFF51) contains.

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Color

Hex(4DFF51)

Conversions

Conversions Part 1

Format	Color
Hex	4DFF51
RGB	77, 255, 81
RGB Percent	30%, 100%, 32%
CMY	0.6980, 0.0000, 0.6824
CMYK	0.70, 0.00, 0.68, 0.00
HSL	121°, 100%, 65%
HSV	121°, 70%, 100%
XYZ	40.3058, 73.6919, 19.8842
YIQ	181.9420, -50.2340, -91.8500

Conversions

Conversions Part 2

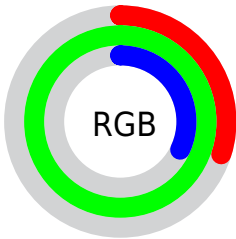
Format	Color
RYB	77, 251, 255
Decimal	5111633
CIELab	88.78, -75.98, 67.18
CIELCh	89, 101.418, 138.516
Yxy	73.6919, 0.3011, 0.5504
Android (android.graphics.Color)	4283301713 (0xFF4DFF51)
YUV	181.9420, -49.7644, -92.0341
Hunter-Lab	85.8440, -66.4170, 46.3573

Details

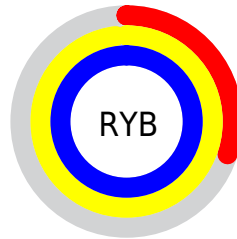
The Hex color **4DFF51** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed green. A complement of this color would be **FF4DFB**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **94FF8A**, and **00C505** is the 20% darker color. If you saturate the color by 10%, you get **34FF38**, and if you desaturate by 10%, it is **67FF6A**.

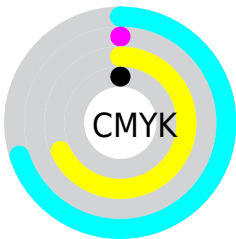
Distribution



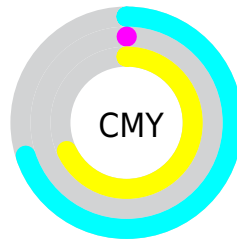
- Red (30%)
- Green (100%)
- Blue (32%)



- Red (30%)
- Yellow (98%)
- Blue (100%)



- Cyan (70%)
- Magenta (0%)
- Yellow (68%)
- Black (0%)



- Cyan (70%)
- Magenta (0%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DFF51 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 4DFF51 by changing the saturation by 10% instead.

 4DFF51

 4DFF51

FFFFFF

 15E233


 94FF8A

 00C505

 B4FFA6

 00A800

 D4FFC3

 008D00

 F3FFE0

 007200

FFFFFFE

 005700

 003F00

 002500

 000000

 4DFF51

 4DFF51

 34FF38

 67FF6A

 1AFF1F

 80FF83

 01FF06

 9AFF9C

 00FF06

 B3FFB5

 CDFFCE

 E6FFE7

FFFFFF

Harmonies

Analogous

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



D2EC00



4DFF51



00FFB5

Triad

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



4DFF51



00F5FF



FF79A8

Complementary

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



4DFF51



FF4DFB

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.



FF7AFF



4DFF51



81D5FF

Square

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



4DFF51



00FFFF



FFA7FF



FFA24D

Rectangle

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



4DFF51



00FFF9



FFA7FF



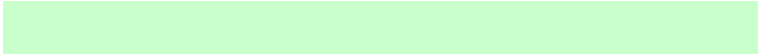
FF72C8

Sweetspot

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



4DFF51



C9FFCB



FCFF4D



608060



000000



808080

Same Dimension

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



4DFF51



29FF2E



4DFFA9



738073



00BF04



004001

Inverse Universe

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



FF4DFB



FF29FA



FF4DA3



80737F



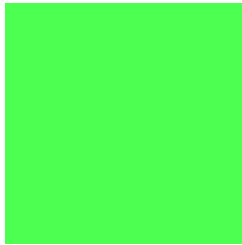
BF00BB



40003E

Previews

White Background



This preview shows how the Hex color 4DFF51 looks on a white background.

Color Contrast Check

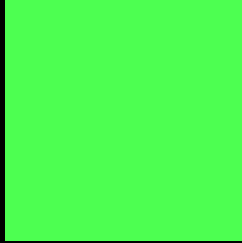
Large Text (above 18pt) WCAG AA × Fail

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 4DFF51 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 4DFF51 Background



This preview shows how black text looks on a background with the Hex color 4DFF51.

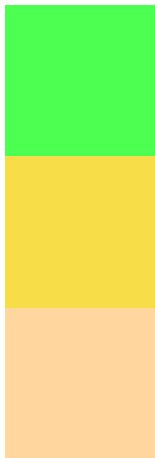


This preview shows how white text looks on a background with the Hex color 4DFF51.

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](#).

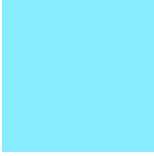
Dichromacy



Original Color
4DFF51

Protanopia
F7DD48

Deuteranopia
FFD69E



Tritanopia
88EDFF

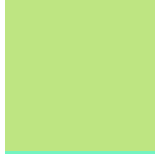
Trichromacy



Original Color
4DFF51



Protanomaly
B9E94B

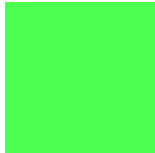


Deuteranomaly
BEE582



Tritanomaly
73F4C0

Monochromacy



Original Color
4DFF51



Achromatopsia
B6B6B6



Achromatomaly
90D191

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DFF51 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 #4DFF51 looks like.

```
.text, #text, p{  
    color:#4DFF51  
}
```

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 #4DFF51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DFF51
}
```

Border

The CSS property to change the border of an element to Hex 4DFF51 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
#4DFF51 }
```

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

```
.border{ border-color:#4DFF51 }
```

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

Here you see how a box with a 4 pixel #4DFF51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DFF51; -webkit-box-shadow:4px 4px  
4px 4px #4DFF51; box-shadow:4px 4px 4px  
4px #4DFF51 }
```

Background

The CSS property to change the background color of an element to Hex 4DFF51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DFF51 }
```

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

```
.background{ background-color:#4DFF51 }
```

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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