

# Converting Colors

Hex(4DFA42)

Have a look what the booklet for  
Hex(4DFA42) contains.

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# Color

Hex(4DFA42)

# Conversions

## Conversions Part 1

Format	Color
Hex	4DFA42
RGB	77, 250, 66
RGB Percent	30%, 98%, 26%
CMY	0.6980, 0.0196, 0.7412
CMYK	0.69, 0.00, 0.74, 0.02
HSL	116°, 95%, 62%
HSV	116°, 74%, 98%
XYZ	38.2295, 70.3423, 16.7168
YIQ	177.2970, -44.0440, -93.9000

# Conversions

## Conversions Part 2

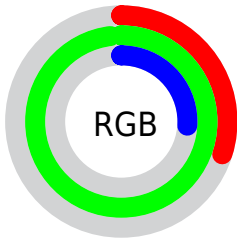
Format	Color
<a href="#">RYB</a>	66, 250, 239
Decimal	5110338
CIELab	87.16, -75.59, 70.78
CIELCh	87, 103.554, 136.884
Yxy	70.3423, 0.3051, 0.5614
Android (android.graphics.Color)	4283300418 (0xFF4DFA42)
YUV	177.2970, -54.8694, -87.9605
Hunter-Lab	83.8703, -65.4097, 46.8917

# Details

The Hex color **4DFA42** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **EF42FA**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **93FF7D**, and **00C000** is the 20% darker color. If you saturate the color by 10%, you get **35FA29**, and if you desaturate by 10%, it is **65FA5B**.

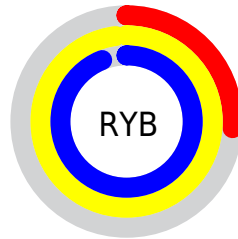
# Distribution



Red (30%)

Green (98%)

Blue (26%)



Red (26%)

Yellow (98%)

Blue (94%)

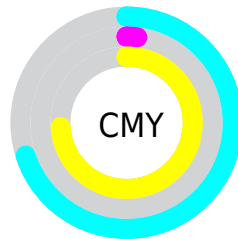


Cyan (69%)

Magenta (0%)

Yellow (74%)

Black (2%)



Cyan (70%)

Magenta (2%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4DFA42 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 4DFA42 by changing the saturation by 10% instead.



 4DFA42

 4DFA42

FFFFFF

 16DD1F

 93FF7D

 00C000

 B3FF99

 00A400

 D3FFB6

 008800

 F3FFD3

 006D00

 FFFFF1

 005300

 003B00

 002100

 000000

 4DFA42

 4DFA42

 35FA29

 65FA5B

 1EFA10

 7CFA74

 0FFA00

 94FA8D

 ABFAA6

 C3FABF

 DAFAD8

 F2FAF1

 FFFAFF

# Harmonies

## Analogous

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



D2E700



4DFA42



00FFAA

# Triad

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



4DFA42



00F2FF



FF6DA8

# Complementary

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



4DFA42



EF42FA

# 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.



FF72FF



4DFA42



5FD3FF

# Square

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



4DFA42



00FFFF



FFA4FF



FF994A

# Rectangle

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



4DFA42



00FFEF



FFA4FF



FF67C8

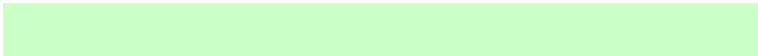


# Sweetspot

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



4DFA42



CAFFC7



FAEE42



60805E



000000



808080



# Same Dimension

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



4DFA42



2CFF1F



42FA92



717D70



0BBD00



043D00



# Inverse Universe

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



EF42FA



F21FFF



FA42AA



7C707D



B100BD

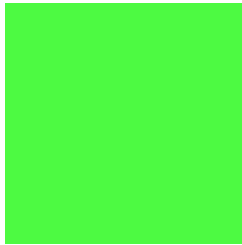


3A003D



# Previews

## White Background



This preview shows how the Hex color 4DFA42 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 4DFA42 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 4DFA42 Background



This preview shows how black text looks on a background with the Hex color 4DFA42.

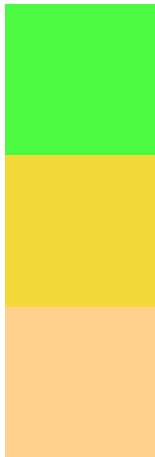


This preview shows how white text looks on a background with the Hex color 4DFA42.

# 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](#).

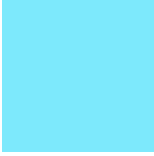
## Dichromacy



**Original Color**  
4DFA42

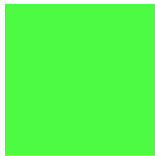
**Protanopia**  
F3D939

**Deuteranopia**  
FFD18C



**Tritanopia**  
7DE9FC

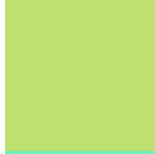
# Trichromacy



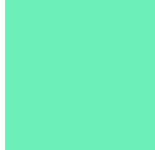
**Original Color**  
4DFA42



**Protanomaly**  
B7E53C

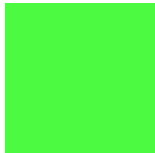


**Deuteranomaly**  
BEE071



**Tritanomaly**  
6CEFB8

# Monochromacy



**Original Color**  
4DFA42



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
8DCC89

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4DFA42 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 #4DFA42 looks like.

```
.text, #text, p{  
    color:#4DFA42  
}
```

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 #4DFA42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DFA42
}
```

## Border

The CSS property to change the border of an element to Hex 4DFA42 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
#4DFA42 }
```

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

```
.border{ border-color:#4DFA42 }
```

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

Here you see how a box with a 4 pixel #4DFA42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DFA42; -webkit-box-shadow:4px 4px  
4px 4px #4DFA42; box-shadow:4px 4px 4px  
4px #4DFA42 }
```

# Background

The CSS property to change the background color of an element to Hex 4DFA42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DFA42 }
```

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

```
.background{ background-color:#4DFA42 }
```

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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