

# Converting Colors

Hex(4FDD03)

Have a look what the booklet for  
Hex(4FDD03) contains.

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**Color**

**Hex(4FDD03)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4FDD03
RGB	79, 221, 3
RGB Percent	31%, 87%, 1%
CMY	0.6902, 0.1333, 0.9882
CMYK	0.64, 0.00, 0.99, 0.13
HSL	99°, 97%, 44%
HSV	99°, 99%, 87%
XYZ	29.0973, 53.3817, 8.8563
YIQ	153.6900, -14.6540, -97.9020

# Conversions

## Conversions Part 2

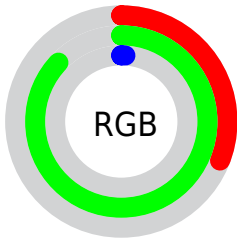
Format	Color
<a href="#">RYB</a>	<a href="#">3, 221, 145</a>
Decimal	<a href="#">5233923</a>
CIELab	<a href="#">78.10, -68.62, 75.59</a>
CIELCh	<a href="#">78, 102.088, 132.234</a>
Yxy	<a href="#">53.3817, 0.3186, 0.5845</a>
Android (android.graphics.Color)	<a href="#">4283424003 (0xFF4FDD03)</a>
YUV	<a href="#">153.6900, -74.2902, -65.5031</a>
Hunter-Lab	<a href="#">73.0628, -56.7721, 43.9572</a>

# Details

The Hex color **4FDD03** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **9103DD**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **91FF56**, and **00A400** is the 20% darker color. If you saturate the color by 10%, you get **4DDD00**, and if you desaturate by 10%, it is **5DDD19**.

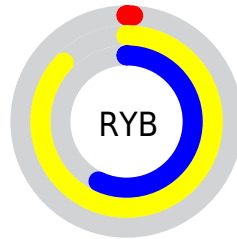
# Distribution



Red (31%)

Green (87%)

Blue (1%)



Red (1%)

Yellow (87%)

Blue (57%)

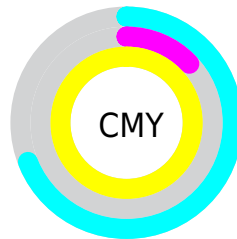


Cyan (64%)

Magenta (0%)

Yellow (99%)

Black (13%)



Cyan (69%)

Magenta (13%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FDD03 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 4FDD03 by changing the saturation by 10% instead.



 4FDD03

 4FDD03

FFFFFF

 23C000

 91FF56

 00A400

 B0FF74

 008900

 CFFF91

 006F00

 EEFFAE

 005500

 FFFFCB

 003C00

 FFFF99

 002300

 000000

 4FDD03

 4FDD03

 4DDD00

 5DDD19

 6CDD2F

 7ADD45

 89DD5B

 97DD72

 A5DD88

 B4DD9E

 C2DDB4

 D1DDCA

# Harmonies

## Analogous

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



C5C900



4FDD03



00E783

# Triad

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



4FDD03



00DCFF



FF499F

# Complementary

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



4FDD03



9103DD

# 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.



FF5BFD



4FDD03



00C0FF

# Square

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



4FDD03



00E8FF



F393FF



FF7743

# Rectangle

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



4FDD03



00EAC6



F393FF



FF45BE

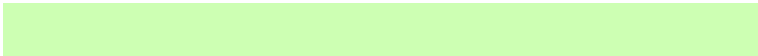


# Sweetspot

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



4FDD03



CDFFB3



DD9103



628052



000000



808080



# Same Dimension

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



4FDD03



59FF00



03DD24



676E63



3CAD00



102E00



# Inverse Universe

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



9103DD



A600FF



DD03BC



6A636E



7100AD

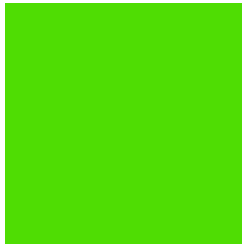


1E002E



# Previews

## White Background



This preview shows how the Hex color 4FDD03 looks on a white background.

## Color Contrast Check

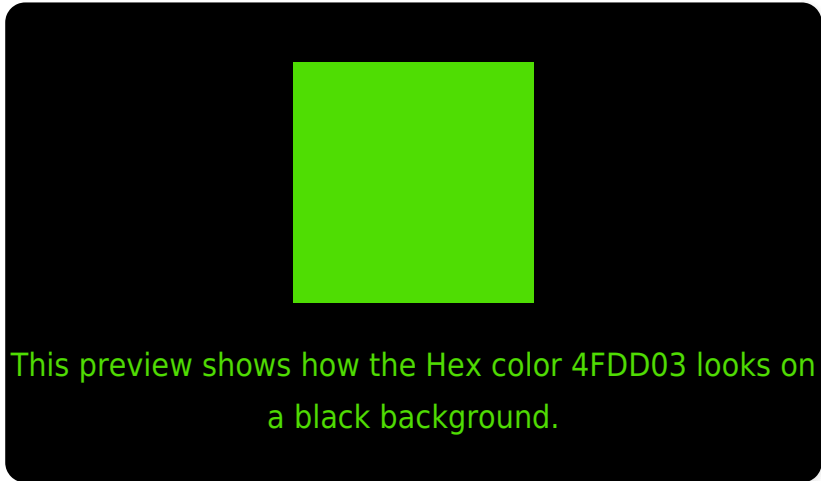
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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

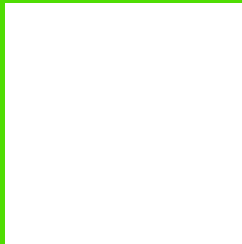
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4FDD03 Background



This preview shows how black text looks on a background with the Hex color 4FDD03.

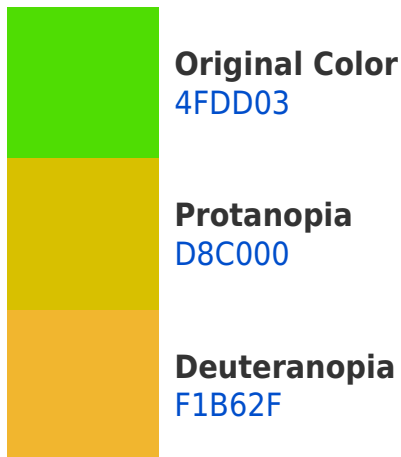


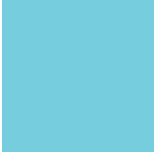
This preview shows how white text looks on a background with the Hex color 4FDD03.

# 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](#).

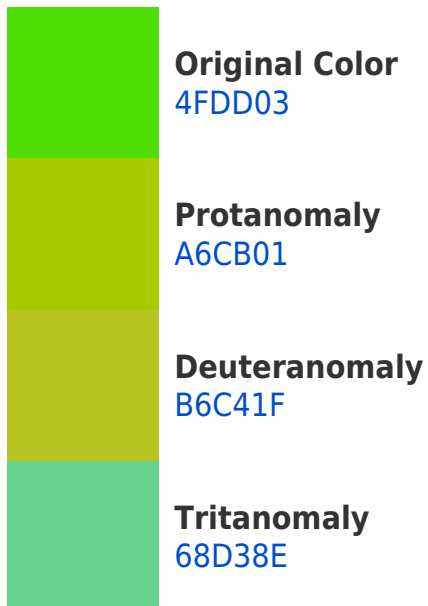
## Dichromacy



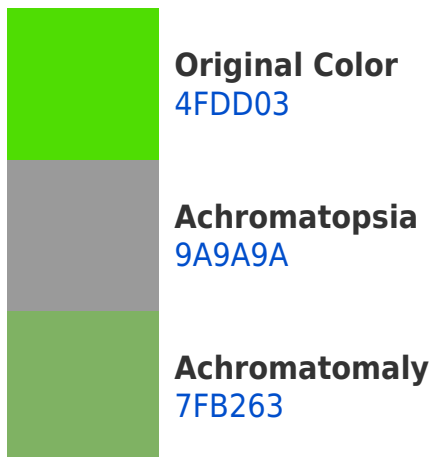


**Tritanopia**  
76CDDE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FDD03 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 #4FDD03 looks like.

```
.text, #text, p{  
    color:#4FDD03  
}
```

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 #4FDD03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FDD03
}
```

## Border

The CSS property to change the border of an element to Hex 4FDD03 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
#4FDD03 }
```

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

```
.border{ border-color:#4FDD03 }
```

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

Here you see how a box with a 4 pixel #4FDD03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FDD03; -webkit-box-shadow:4px 4px  
4px 4px #4FDD03; box-shadow:4px 4px 4px  
4px #4FDD03 }
```

# Background

The CSS property to change the background color of an element to Hex 4FDD03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FDD03 }
```

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

```
.background{ background-color:#4FDD03 }
```

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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