

Converting Colors

Hex(4FDD2B)

Have a look what the booklet for
Hex(4FDD2B) contains.

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Color

Hex(4FDD2B)

Conversions

Conversions Part 1

Format	Color
Hex	4FDD2B
RGB	79, 221, 43
RGB Percent	31%, 87%, 17%
CMY	0.6902, 0.1333, 0.8314
CMYK	0.64, 0.00, 0.81, 0.13
HSL	108°, 72%, 52%
HSV	108°, 81%, 87%
XYZ	29.5169, 53.5496, 11.0659
YIQ	158.2500, -27.4940, -85.4620

Conversions

Conversions Part 2

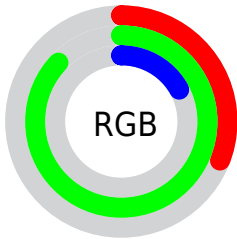
Format	Color
R_{YB}	43, 221, 185
Decimal	5233963
CIE _{Lab}	78.20, -67.43, 69.08
CIE _{LCh}	78, 96.534, 134.310
Yxy	53.5496, 0.3136, 0.5689
Android (android.graphics.Color)	4283424043 (0xFF4FDD2B)
YUV	158.2500, -56.8182, -69.5023
Hunter-Lab	73.1776, -56.0609, 42.2585

Details

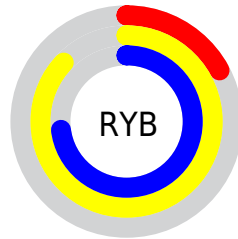
The Hex color **4FDD2B** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **B92BDD**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **90FF68**, and **00A400** is the 20% darker color. If you saturate the color by 10%, you get **3DDD15**, and if you desaturate by 10%, it is **61DD41**.

Distribution



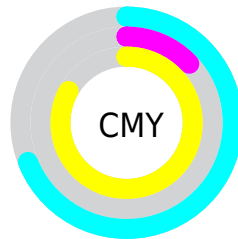
- Red (31%)
- Green (87%)
- Blue (17%)



- Red (17%)
- Yellow (87%)
- Blue (73%)



- Cyan (64%)
- Magenta (0%)
- Yellow (81%)
- Black (13%)



- Cyan (69%)
- Magenta (13%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FDD2B 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 4FDD2B by changing the saturation by 10% instead.

 4FDD2B

 4FDD2B

FFFFFF

 24C000


 90FF68

 00A400

 AFFF84

 008900

 CEFFA1

 006F00

 EDFFBE

 005500

 FFFFDB

 003C00

 FFFFF8

 002300

 000000

 4FDD2B

 4FDD2B

 3DDD15

 61DD41

 2DDD00

 72DD57

 84DD6D

 96DD83

 A7DD9A

 B9DDB0

 CADDC6

 DCDDDC

 EEDDF2

Harmonies

Analogous

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



C0CB00



4FDD2B



00E68D

Triad

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



4FDD2B



00D9FF



FF599B

Complementary

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



4FDD2B



B92BDD

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.



FF64F4



4FDD2B



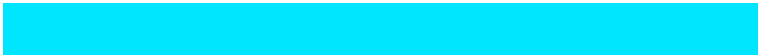
00BEFF

Square

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



4FDD2B



00E6FF



F993FF



FF8145

Rectangle

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



4FDD2B



00E9CC



F993FF



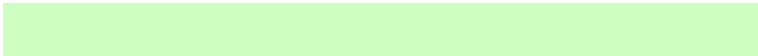
FF56B8

Sweetspot

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



4FDD2B



CEFFC2



DDB62B



62805B



000000



808080

Same Dimension

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



4FDD2B



3AFF08



2BDD5D



656E63



23AD00



092E00

Inverse Universe

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



B92BDD



CD08FF



DD2BAB



6B636E



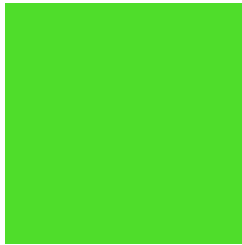
8A00AD



25002E

Previews

White Background



This preview shows how the Hex color 4FDD2B looks on a white background.

Color Contrast Check

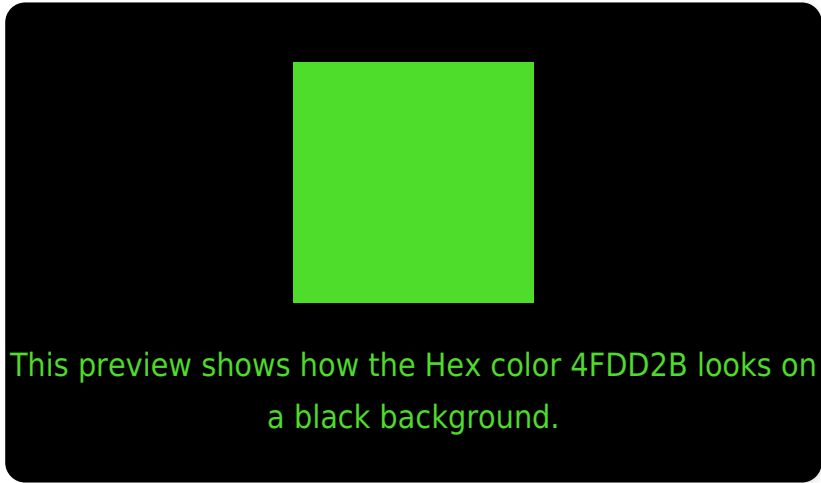
Large Text (above 18pt) WCAG AA × Fail

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

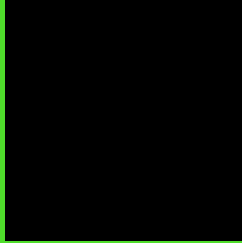
Any Text WCAG AA ✓ Pass

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 4FDD2B Background



This preview shows how black text looks on a background with the Hex color 4FDD2B.

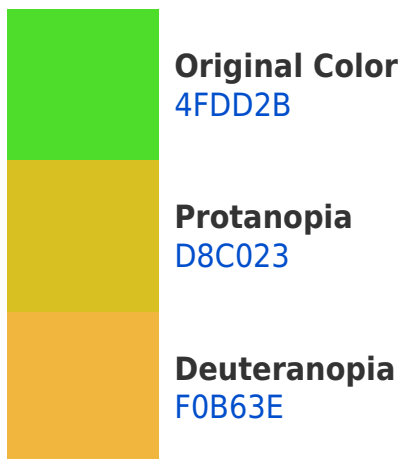


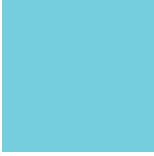
This preview shows how white text looks on a background with the Hex color 4FDD2B.

Color Blindness Simulation

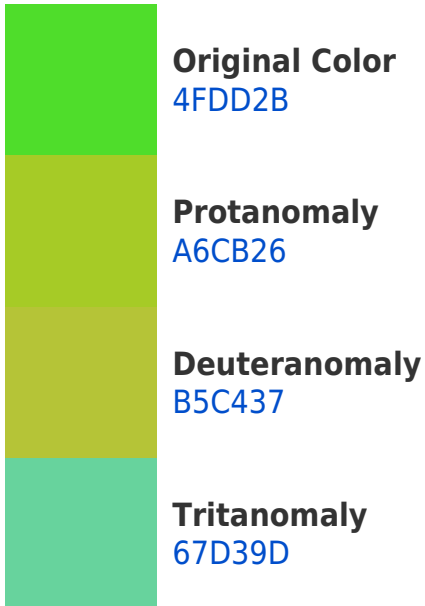
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

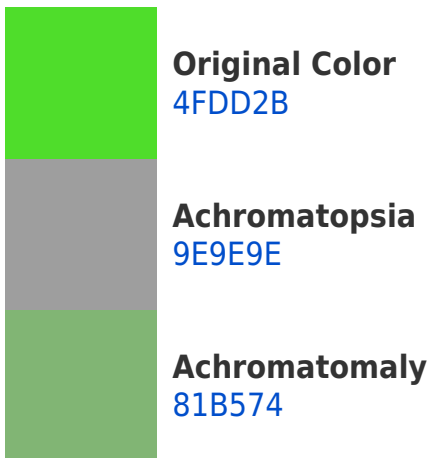




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4FDD2B 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 #4FDD2B looks like.

```
.text, #text, p{  
    color:#4FDD2B  
}
```

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 #4FDD2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FDD2B
}
```

Border

The CSS property to change the border of an element to Hex 4FDD2B 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
#4FDD2B }
```

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

```
.border{ border-color:#4FDD2B }
```

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

Here you see how a box with a 4 pixel #4FDD2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FDD2B; -webkit-box-shadow:4px 4px  
4px 4px #4FDD2B; box-shadow:4px 4px 4px  
4px #4FDD2B }
```

Background

The CSS property to change the background color of an element to Hex 4FDD2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FDD2B }
```

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

```
.background{ background-color:#4FDD2B }
```

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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