

Converting Colors

Hex(4FDA6B)

Have a look what the booklet for
Hex(4FDA6B) contains.

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Color

Hex(4FDA6B)

Conversions

Conversions Part 1

Format	Color
Hex	4FDA6B
RGB	79, 218, 107
RGB Percent	31%, 85%, 42%
CMY	0.6902, 0.1451, 0.5804
CMYK	0.64, 0.00, 0.51, 0.15
HSL	132°, 65%, 58%
HSV	132°, 64%, 85%
XYZ	30.9497, 52.8666, 22.4830
YIQ	163.7850, -47.2130, -63.9890

Conversions

Conversions Part 2

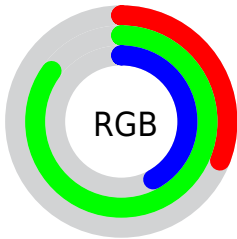
Format	Color
RYB	79, 195, 218
Decimal	5233259
CIELab	77.80, -60.31, 43.51
CIELCh	78, 74.361, 144.193
Yxy	52.8666, 0.2912, 0.4973
Android (android.graphics.Color)	4283423339 (0xFF4FDA6B)
YUV	163.7850, -27.9950, -74.3564
Hunter-Lab	72.7094, -51.2607, 32.5631

Details

The Hex color **4FDA6B** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **DA4FBE**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **8EFFA0**, and **00A238** is the 20% darker color. If you saturate the color by 10%, you get **39DA5A**, and if you desaturate by 10%, it is **65DA7C**.

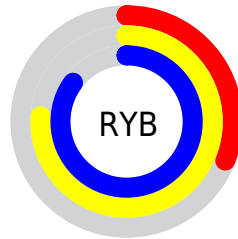
Distribution



Red (31%)

Green (85%)

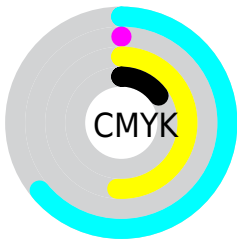
Blue (42%)



Red (31%)

Yellow (76%)

Blue (85%)

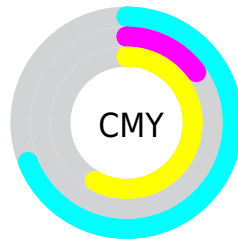


Cyan (64%)

Magenta (0%)

Yellow (51%)

Black (15%)



Cyan (69%)

Magenta (15%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FDA6B 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 4FDA6B by changing the saturation by 10% instead.

 4FDA6B

 4FDA6B

FFFFFF

 29BE51

 8EFFA0

 00A238

 ACFFBC

 00871D

 CAFFD8

 006C00

 E8FFF5

 005300

 003A00

 002200

 000000

 4FDA6B

 4FDA6B

 39DA5A

 65DA7C

 23DA48

 7BDA8E

 0EDA37

 90DA9F

 00DA2C

 A6DAB1

 BCDAC2

 D2DAD3

 E8DAE5

 FDDAF6

 FFDAFF

Harmonies

Analogous

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



ADCD33



4FDA6B



00E0B0

Triad

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



4FDA6B



00CCFF



FF848C

Complementary

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



4FDA6B



DA4FBE

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.



FF7FD1



4FDA6B



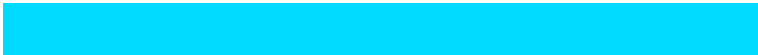
A8B4FF

Square

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



4FDA6B



00DBFF



FF95FF



FF9D50

Rectangle

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



4FDA6B



00E1E0



FF95FF



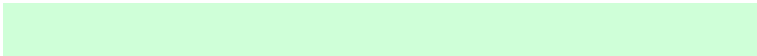
FF7FA2

Sweetspot

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



4FDA6B



CFFFD8



BEDA4F



628068



000000



808080

Same Dimension

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



4FDA6B



3BFF62



4FDAB0



636E65



00AD23



002E09

Inverse Universe

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



DA4FBE



FF3BD7



DA4F79



6E636B



AD008A



2E0025

Previews

White Background



This preview shows how the Hex color 4FDA6B looks on a white background.

Color Contrast Check

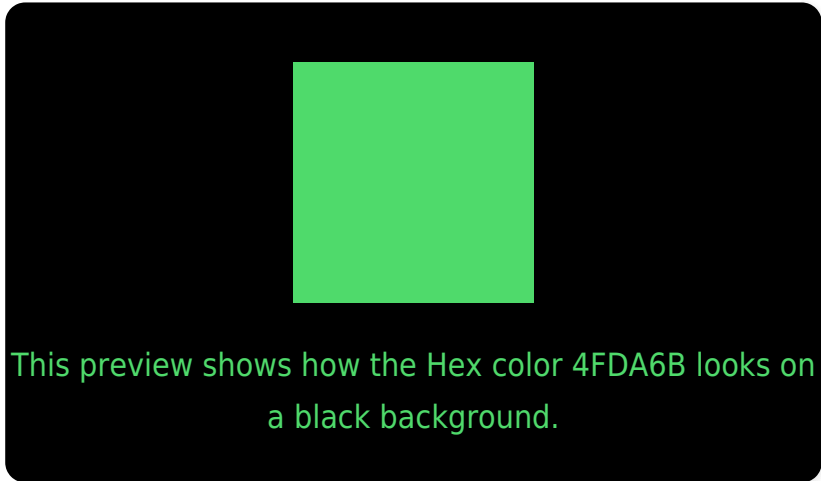
Large Text (above 18pt) WCAG AA × Fail

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 4FDA6B Background



This preview shows how black text looks on a background with the Hex color 4FDA6B.

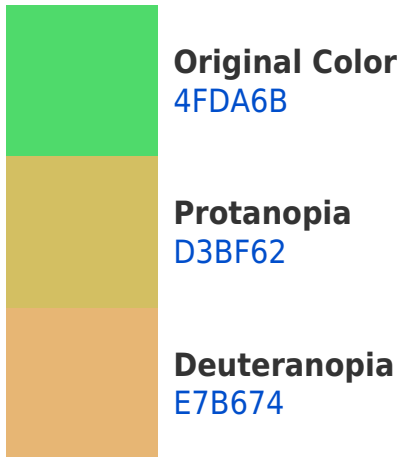


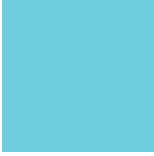
This preview shows how white text looks on a background with the Hex color 4FDA6B.

Color Blindness Simulation

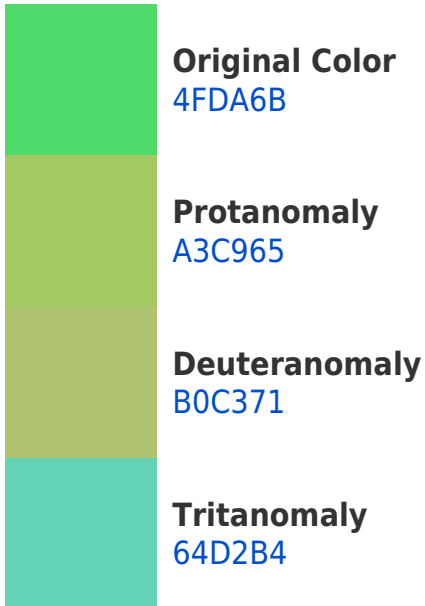
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

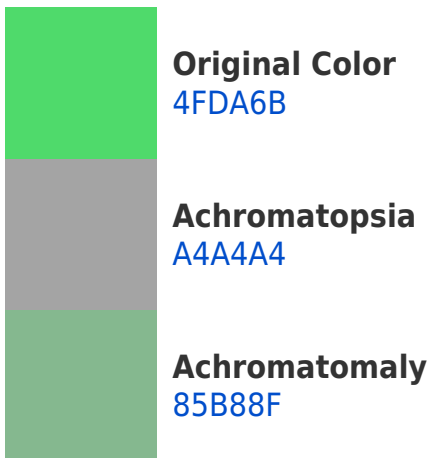




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4FDA6B 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 #4FDA6B looks like.

```
.text, #text, p{  
    color:#4FDA6B  
}
```

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 #4FDA6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FDA6B
}
```

Border

The CSS property to change the border of an element to Hex 4FDA6B 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
#4FDA6B }
```

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

```
.border{ border-color:#4FDA6B }
```

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

Here you see how a box with a 4 pixel #4FDA6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FDA6B; -webkit-box-shadow:4px 4px  
4px 4px #4FDA6B; box-shadow:4px 4px 4px  
4px #4FDA6B }
```

Background

The CSS property to change the background color of an element to Hex 4FDA6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FDA6B }
```

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

```
.background{ background-color:#4FDA6B }
```

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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