

Converting Colors

Hex(4FBD51)

Have a look what the booklet for
Hex(4FBD51) contains.

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Color

Hex(4FBD51)

Conversions

Conversions Part 1

Format	Color
Hex	4FBD51
RGB	79, 189, 81
RGB Percent	31%, 74%, 32%
CMY	0.6902, 0.2588, 0.6824
CMYK	0.58, 0.00, 0.57, 0.26
HSL	121°, 45%, 53%
HSV	121°, 58%, 74%
XYZ	22.9072, 38.6515, 14.0377
YIQ	143.7980, -30.8920, -56.9080

Conversions

Conversions Part 2

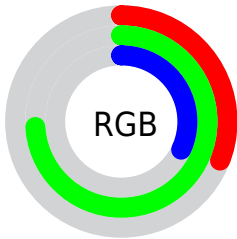
Format	Color
RYB	79, 187, 189
Decimal	5225809
CIELab	68.50, -53.06, 44.65
CIELCh	68, 69.345, 139.918
Yxy	38.6515, 0.3030, 0.5113
Android (android.graphics.Color)	4283415889 (0xFF4FBD51)
YUV	143.7980, -30.9594, -56.8278
Hunter-Lab	62.1704, -43.0281, 30.1319

Details

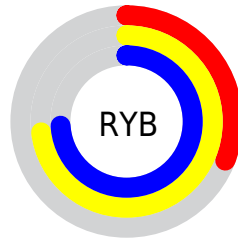
The Hex color **4FBD51** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BD4FBB**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **8AF685**, and **00861D** is the 20% darker color. If you saturate the color by 10%, you get **3CBD3E**, and if you desaturate by 10%, it is **62BD64**.

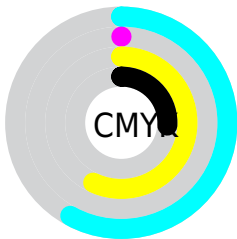
Distribution



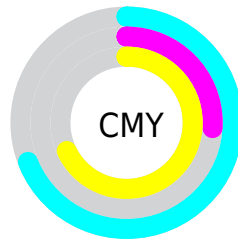
- Red (31%)
- Green (74%)
- Blue (32%)



- Red (31%)
- Yellow (73%)
- Blue (74%)



- Cyan (58%)
- Magenta (0%)
- Yellow (57%)
- Black (26%)



- Cyan (69%)
- Magenta (26%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FBD51 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 4FBD51 by changing the saturation by 10% instead.



4FBD51



4FBD51

FFFFFF



2EA137



8AF685



00861D



A7FFA0



006C00



C4FFBC



005300



E2FFD8



003B00



FFFFF5



002400



000000



4FBD51



4FBD51



3CBD3E



62BD64

 29BD2C

 75BD76

 16BD19

 88BD89

 03BD07

 9BBD9B

 00BD03

 AEBDAE

 C0BDC0

 D3BDD3

 E6BDE5

 F9BDF8

Harmonies

Analogous

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



9EB01E



4FBD51



00C38F

Triad

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



4FBD51



00B4FF



FF6D80

Complementary

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



4FBD51



BD4FBB

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.



FF6CBF



4FBD51



7E9FFF

Square

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



4FBD51



00C0FF



DE83F9



FF8348

Rectangle

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



4FBD51



00C5BB



DE83F9



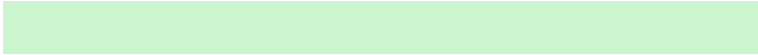
FF6995

Sweetspot

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



4FBD51



CBF5CC



BBBD4F



627A62



FAFAFA



7A7A7A

Same Dimension

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



4FBD51



49F54D



4FBD88



555E55



009E03



001F01

Inverse Universe

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



BD4FBB



F549F2



BD4F84



5E555E



9E009B



1F001E

Previews

White Background



This preview shows how the Hex color 4FBD51 looks on a white background.

Color Contrast Check

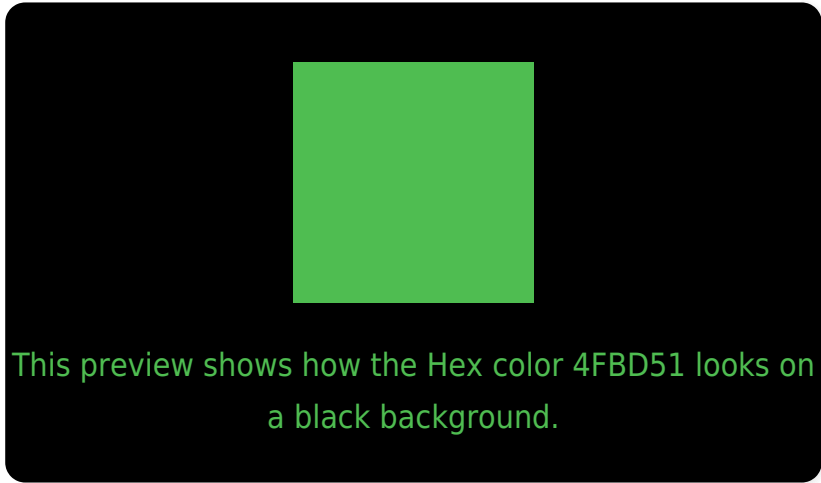
Large Text (above 18pt) WCAG AA × Fail

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

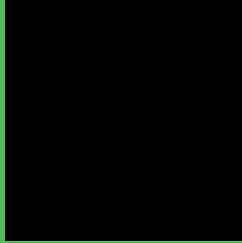
Any Text WCAG AA ✓ Pass

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 4FBD51 Background



This preview shows how black text looks on a background with the Hex color 4FBD51.

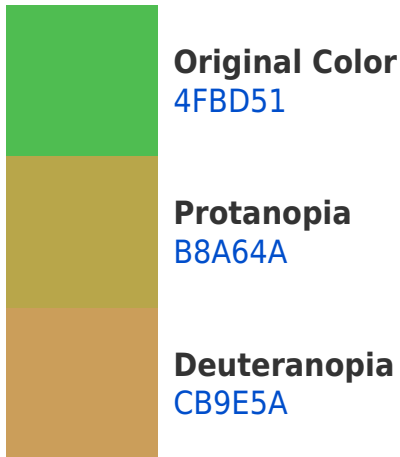


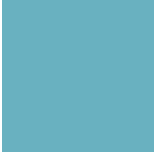
This preview shows how white text looks on a background with the Hex color 4FBD51.

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](#).

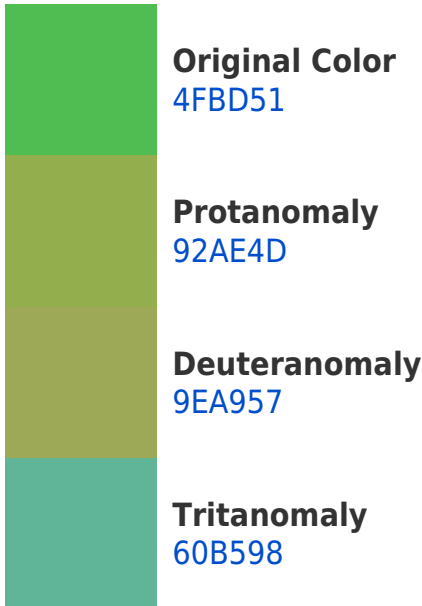
Dichromacy



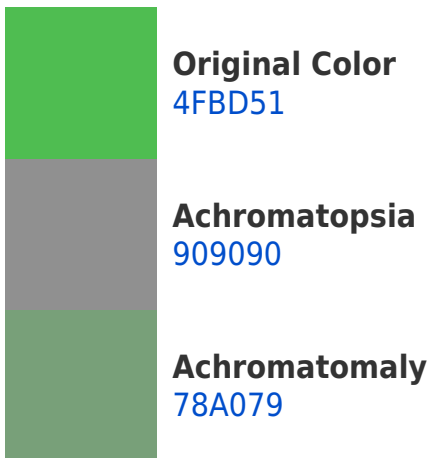


Tritanopia
69B1C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4FBD51 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 #4FBD51 looks like.

```
.text, #text, p{  
    color:#4FBD51  
}
```

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 #4FBD51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FBD51
}
```

Border

The CSS property to change the border of an element to Hex 4FBD51 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
#4FBD51 }
```

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

```
.border{ border-color:#4FBD51 }
```

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

Here you see how a box with a 4 pixel #4FBD51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FBD51; -webkit-box-shadow:4px 4px  
4px 4px #4FBD51; box-shadow:4px 4px 4px  
4px #4FBD51 }
```

Background

The CSS property to change the background color of an element to Hex 4FBD51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FBD51 }
```

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

```
.background{ background-color:#4FBD51 }
```

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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