

Converting Colors

Hex(4FCB61)

Have a look what the booklet for
Hex(4FCB61) contains.

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Color

Hex(4FCB61)

Conversions

Conversions Part 1

Format	Color
Hex	4FCB61
RGB	79, 203, 97
RGB Percent	31%, 80%, 38%
CMY	0.6902, 0.2039, 0.6196
CMYK	0.61, 0.00, 0.52, 0.20
HSL	129°, 54%, 55%
HSV	129°, 61%, 80%
XYZ	26.7381, 45.2372, 18.6317
YIQ	153.8400, -39.8780, -59.2540

Conversions

Conversions Part 2

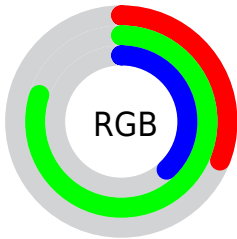
Format	Color
RYB	79, 187, 203
Decimal	5229409
CIELab	73.05, -56.21, 42.50
CIELCh	73, 70.465, 142.910
Yxy	45.2372, 0.2951, 0.4993
Android (android.graphics.Color)	4283419489 (0xFF4FCB61)
YUV	153.8400, -28.0221, -65.6347
Hunter-Lab	67.2586, -46.7415, 30.6568

Details

The Hex color **4FCB61** 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 **CB4FB9**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **8BFF96**, and **00942E** is the 20% darker color. If you saturate the color by 10%, you get **3BCB50**, and if you desaturate by 10%, it is **63CB72**.

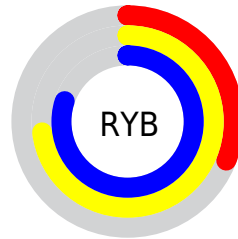
Distribution



Red (31%)

Green (80%)

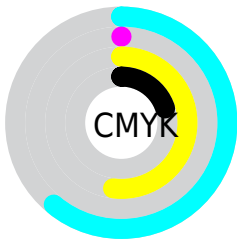
Blue (38%)



Red (31%)

Yellow (73%)

Blue (80%)

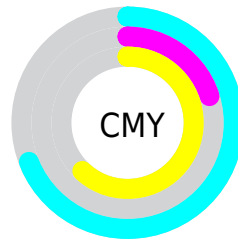


Cyan (61%)

Magenta (0%)

Yellow (52%)

Black (20%)



Cyan (69%)

Magenta (20%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FCB61 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 4FCB61 by changing the saturation by 10% instead.

 4FCB61

 4FCB61

FFFFFF

 2CAF48

 8BFF96

 00942E

 A9FFB1

 007913

 C7FFCD

 005F00

 E5FFEA

 004600

 003000

 001300

 000000

 4FCB61

 4FCB61

 3BCB50

 63CB72

 26CB3E

 78CB84

 12CB2D

 8CCB95

 00CB1D

 A0CBA6

 B5CBB8

 C9CBC9

 DDCBDA

 F1CBEC

 FFCBFD

Harmonies

Analogous

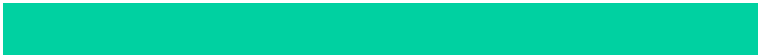
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A4BF2E



4FCB61



00D1A1

Triad

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



4FCB61



00BFFF



FF7A85

Complementary

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



4FCB61



CB4FB9

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.



FF77C5



4FCB61



97A9FF

Square

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



4FCB61



00CDFE



F38CFF



FF914C

Rectangle

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



4FCB61



00D2CE



F38CFF



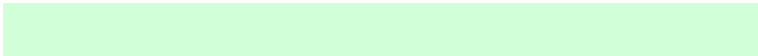
FF769A

Sweetspot

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



4FCB61



D1FFD8



BACB4F



638068



000000



808080

Same Dimension

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



4FCB61



45FF60



4FCB9E



5C665D



00A618



002606

Inverse Universe

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



CB4FB9



FF45E4



CB4F7C



665C65



A6008E



260021

Previews

White Background



This preview shows how the Hex color 4FCB61 looks on a white background.

Color Contrast Check

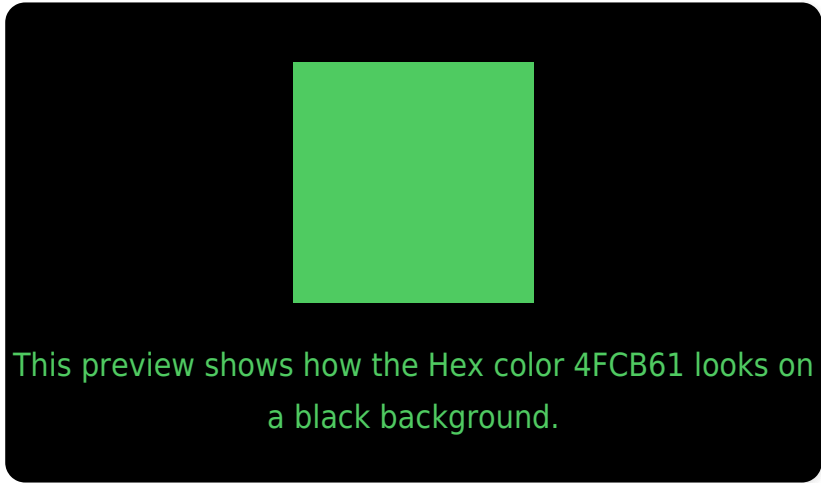
Large Text (above 18pt) WCAG AA × Fail

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

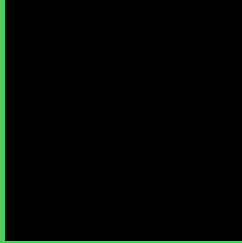
Any Text WCAG AA ✓ Pass

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 4FCB61 Background



This preview shows how black text looks on a background with the Hex color 4FCB61.

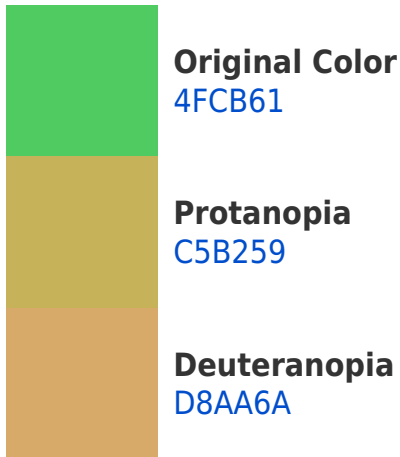


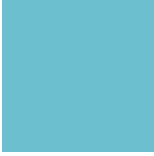
This preview shows how white text looks on a background with the Hex color 4FCB61.

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](#).

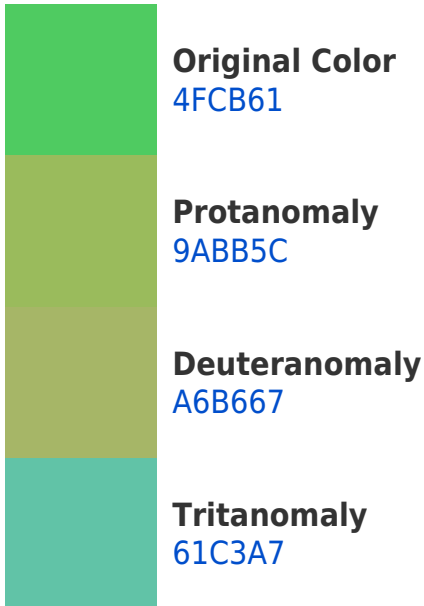
Dichromacy



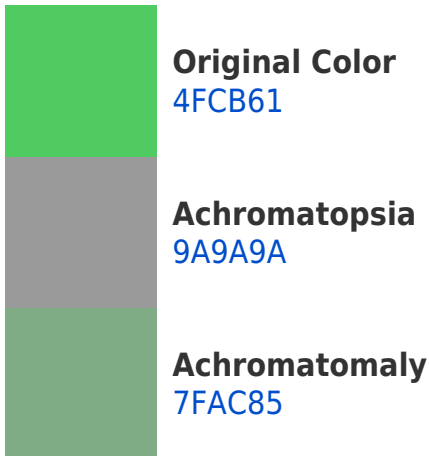


Tritanopia
6CBFCF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4FCB61 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 #4FCB61 looks like.

```
.text, #text, p{  
    color:#4FCB61  
}
```

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 #4FCB61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FCB61
}
```

Border

The CSS property to change the border of an element to Hex 4FCB61 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
#4FCB61 }
```

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

```
.border{ border-color:#4FCB61 }
```

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

Here you see how a box with a 4 pixel #4FCB61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FCB61; -webkit-box-shadow:4px 4px  
4px 4px #4FCB61; box-shadow:4px 4px 4px  
4px #4FCB61 }
```

Background

The CSS property to change the background color of an element to Hex 4FCB61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FCB61 }
```

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

```
.background{ background-color:#4FCB61 }
```

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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