

Converting Colors

Hex(4FC14A)

Have a look what the booklet for
Hex(4FC14A) contains.

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Color

Hex(4FC14A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4FC14A |
| RGB | 79, 193, 74 |
| RGB Percent | 31%, 76%, 29% |
| CMY | 0.6902, 0.2431, 0.7098 |
| CMYK | 0.59, 0.00, 0.62, 0.24 |
| HSL | 117°, 49%, 52% |
| HSV | 117°, 62%, 76% |
| XYZ | 23.5304, 40.2966, 13.0164 |
| YIQ | 145.3480, -29.7450, -61.1770 |

Conversions

Conversions Part 2

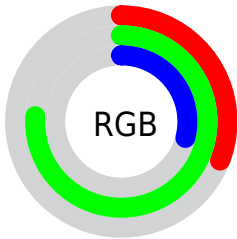
| Format | Color |
|-------------------------------------|--------------------------------------------------|
| RYB | 74, 193, 188 |
| Decimal | 5226826 |
| CIELab | 69.68, -55.36, 49.20 |
| CIELCh | 70, 74.061, 138.369 |
| Yxy | 40.2966, 0.3062, 0.5244 |
| Android (android.graphics.Color) | 4283416906 (0xFF4FC14A) |
| YUV | 145.3480, -35.1746, -58.1872 |
| Hunter-Lab | 63.4796, -44.9234, 32.2784 |

Details

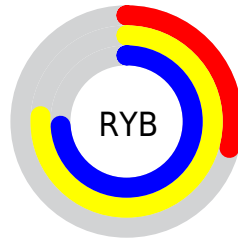
The Hex color **4FC14A** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **BC4AC1**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **8BFA7F**, and **008A11** is the 20% darker color. If you saturate the color by 10%, you get **3DC137**, and if you desaturate by 10%, it is **61C15D**.

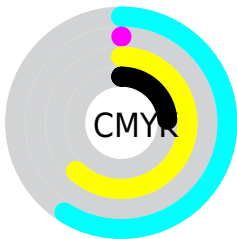
Distribution



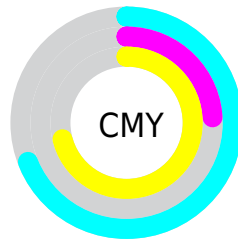
- Red (31%)
- Green (76%)
- Blue (29%)



- Red (29%)
- Yellow (76%)
- Blue (74%)



- Cyan (59%)
- Magenta (0%)
- Yellow (62%)
- Black (24%)



- Cyan (69%)
- Magenta (24%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FC14A 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 4FC14A by changing the saturation by 10% instead.

 4FC14A

 4FC14A

FFFFFF

 2DA530


 8BFA7F

 008A11

 A8FF9A

 007000

 C5FFB6

 005600

 E3FFD2

 003E00

 FFFFEF

 002700

 000000

 4FC14A

 4FC14A

 3DC137

 61C15D

 2AC123

 74C171

 18C110

 86C184

 08C100

 99C197

 ABC1AB

 BEC1BE

 D0C1D1

 E3C1E4

 F5C1F8

Harmonies

Analogous

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



A4B307



4FC14A



00C88D

Triad

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



4FC14A



00BAFF



FF6984

Complementary

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



4FC14A



BC4AC1

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.



FF6AC7



4FC14A



72A3FF

Square

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



4FC14A



00C6FF



E185FF



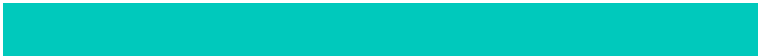
FF8147

Rectangle

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



4FC14A



00C9BC



E185FF



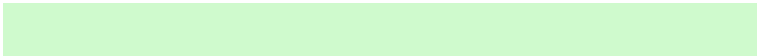
FF669A

Sweetspot

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



4FC14A



CFFACD



C1BB4A



637D61



FCFCFC



7D7D7D

Same Dimension

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



4FC14A



49FA41



4AC180



586157



07A100



012100

Inverse Universe

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



BC4AC1



F241FA



C14A8B



605761



9A00A1



200021

Previews

White Background



This preview shows how the Hex color 4FC14A looks on a white background.

Color Contrast Check

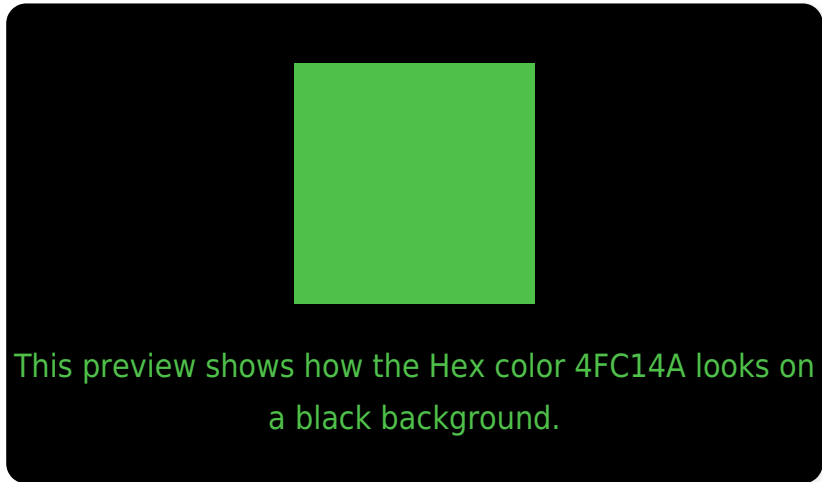
Large Text (above 18pt) WCAG AA × Fail

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

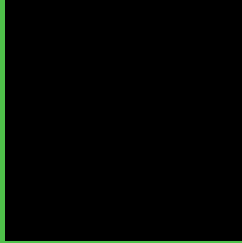
Any Text WCAG AA ✓ Pass

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 4FC14A Background



This preview shows how black text looks on a background with the Hex color 4FC14A.

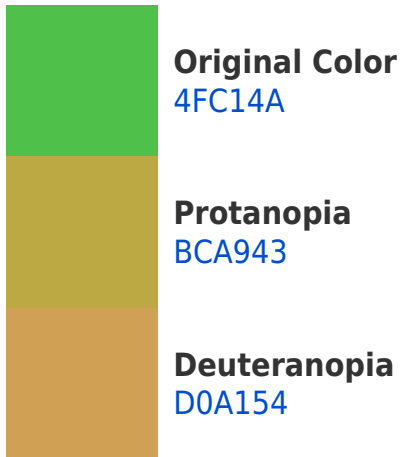


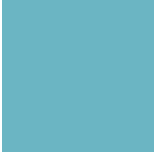
This preview shows how white text looks on a background with the Hex color 4FC14A.

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](#).

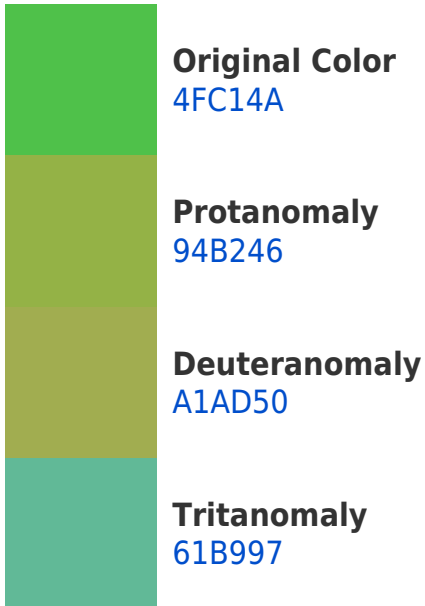
Dichromacy



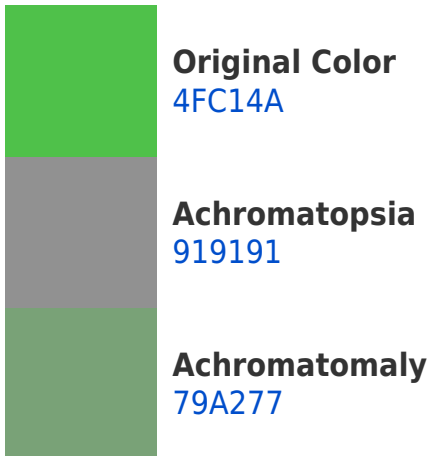


Tritanopia
6BB5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4FC14A 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 #4FC14A looks like.

```
.text, #text, p{  
    color:#4FC14A  
}
```

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 #4FC14A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FC14A
}
```

Border

The CSS property to change the border of an element to Hex 4FC14A 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
#4FC14A }
```

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

```
.border{ border-color:#4FC14A }
```

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

Here you see how a box with a 4 pixel #4FC14A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FC14A; -webkit-box-shadow:4px 4px  
4px 4px #4FC14A; box-shadow:4px 4px 4px  
4px #4FC14A }
```

Background

The CSS property to change the background color of an element to Hex 4FC14A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FC14A }
```

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

```
.background{ background-color:#4FC14A }
```

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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