

Converting Colors

Hex(4FCA44)

Have a look what the booklet for
Hex(4FCA44) contains.

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Color

Hex(4FCA44)

Conversions

Conversions Part 1

Format	Color
Hex	4FCA44
RGB	79, 202, 68
RGB Percent	31%, 79%, 27%
CMY	0.6902, 0.2078, 0.7333
CMYK	0.61, 0.00, 0.66, 0.21
HSL	115°, 56%, 53%
HSV	115°, 66%, 79%
XYZ	25.3884, 44.3207, 12.6855
YIQ	149.9470, -30.2940, -67.7500

Conversions

Conversions Part 2

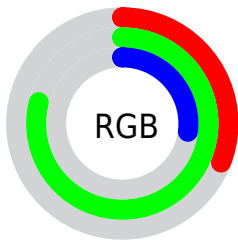
Format	Color
RYB	68, 202, 191
Decimal	5229124
CIELab	72.44, -59.21, 54.81
CIELCh	72, 80.679, 137.211
Yxy	44.3207, 0.3081, 0.5379
Android (android.graphics.Color)	4283419204 (0xFF4FCA44)
YUV	149.9470, -40.3999, -62.2205
Hunter-Lab	66.5738, -48.4319, 35.3041

Details

The Hex color **4FCA44** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **BF44CA**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **8CFF7A**, and **009300** is the 20% darker color. If you saturate the color by 10%, you get **3CCA30**, and if you desaturate by 10%, it is **62CA58**.

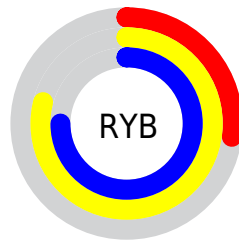
Distribution



Red (31%)

Green (79%)

Blue (27%)



Red (27%)

Yellow (79%)

Blue (75%)

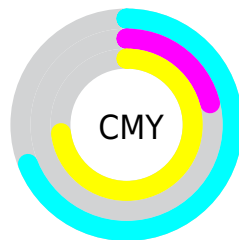


Cyan (61%)

Magenta (0%)

Yellow (66%)

Black (21%)



Cyan (69%)

Magenta (21%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FCA44 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 4FCA44 by changing the saturation by 10% instead.

 4FCA44

 4FCA44

FFFFFF

 2BAE28

 8CFF7A

 009300

 AAFF95

 007800

 C8FFB1

 005E00

 E6FFCD

 004500

 FFFFEA

 002E00

 001000

 000000

 4FCA44

 4FCA44

■ 3CCA30

■ 62CA58

■ 2ACA1C

■ 74CA6C

■ 17CA07

■ 87CA81

■ 11CA00

■ 99CA95

■ ACCAA9

■ BECABD

■ D1CAD1

■ E3CAE6

■ F6CAFA

Harmonies

Analogous

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



ACBB00



4FCA44



00D28E

Triad

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



4FCA44



00C3FF



FF678B

Complementary

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



4FCA44



BF44CA

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.



FF69D5



4FCA44



67ACFF

Square

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



4FCA44



00D0FF



EA8AFF



FF8346

Rectangle

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



4FCA44



00D3C2



EA8AFF



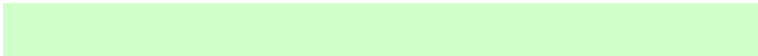
FF63A3

Sweetspot

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



4FCA44



D0FFCC



CABF44



638061



000000



808080

Same Dimension

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



4FCA44



44FF33



44CA7C



5D665C



0EA600



032600

Inverse Universe

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



BF44CA



EE33FF



CA4492



655C66



9800A6



230026

Previews

White Background



This preview shows how the Hex color 4FCA44 looks on a white background.

Color Contrast Check

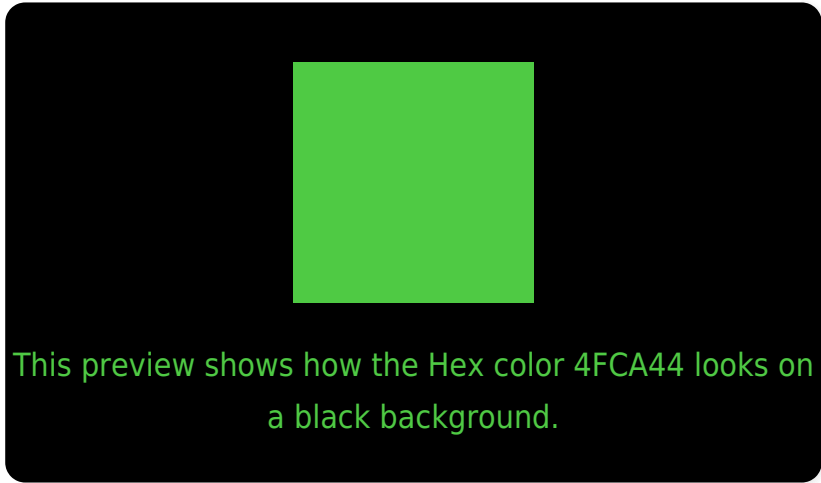
Large Text (above 18pt) WCAG AA × Fail

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

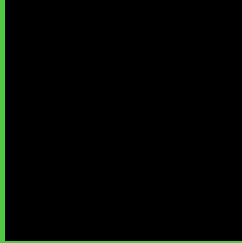
Any Text WCAG AA ✓ Pass

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 4FCA44 Background



This preview shows how black text looks on a background with the Hex color 4FCA44.

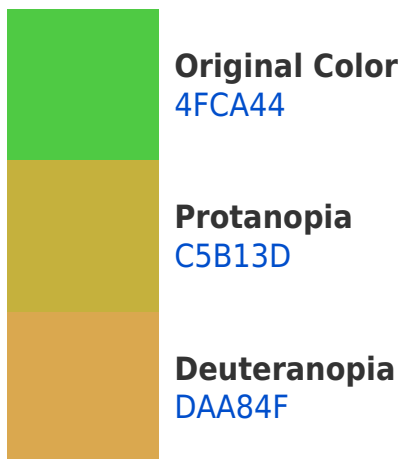


This preview shows how white text looks on a background with the Hex color 4FCA44.

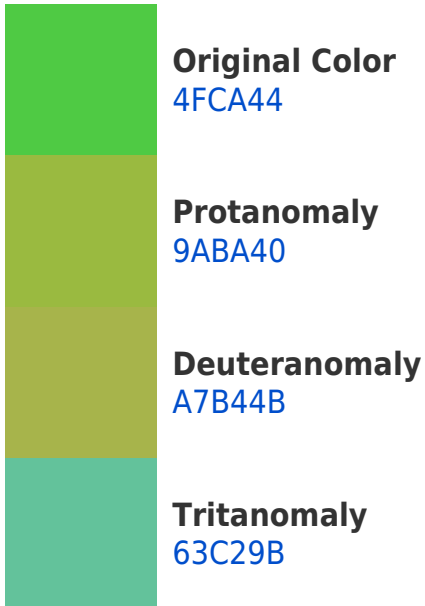
Color Blindness Simulation

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](#).

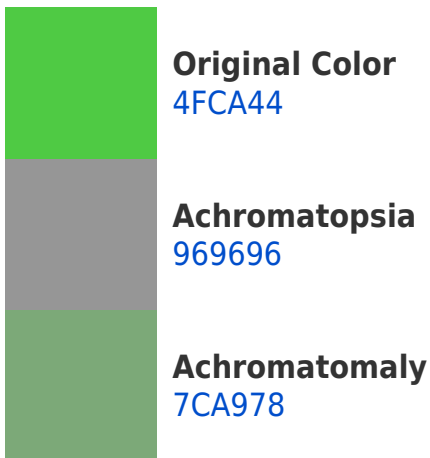
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4FCA44 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 #4FCA44 looks like.

```
.text, #text, p{  
    color:#4FCA44  
}
```

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 #4FCA44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FCA44
}
```

Border

The CSS property to change the border of an element to Hex 4FCA44 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
#4FCA44 }
```

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

```
.border{ border-color:#4FCA44 }
```

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

Here you see how a box with a 4 pixel #4FCA44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FCA44; -webkit-box-shadow:4px 4px  
4px 4px #4FCA44; box-shadow:4px 4px 4px  
4px #4FCA44 }
```

Background

The CSS property to change the background color of an element to Hex 4FCA44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FCA44 }
```

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

```
.background{ background-color:#4FCA44 }
```

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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