

Converting Colors

Hex(1FCC49)

Have a look what the booklet for
Hex(1FCC49) contains.

Hex(1FCC49)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1FCC49)

Conversions

Conversions Part 1

Format	Color
Hex	1FCC49
RGB	31, 204, 73
RGB Percent	12%, 80%, 29%
CMY	0.8784, 0.2000, 0.7137
CMYK	0.85, 0.00, 0.64, 0.20
HSL	135°, 74%, 46%
HSV	135°, 85%, 80%
XYZ	23.3605, 43.9581, 13.5569
YIQ	137.3390, -61.0570, -77.4170

Conversions

Conversions Part 2

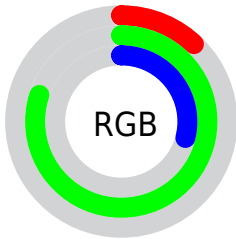
Format	Color
RYB	31, 170, 204
Decimal	2083913
CIELab	72.20, -66.98, 52.20
CIElCh	72, 84.917, 142.068
Yxy	43.9581, 0.2888, 0.5435
Android (android.graphics.Color)	4280273993 (0xFF1FCC49)
YUV	137.3390, -31.7191, -93.2593
Hunter-Lab	66.3009, -53.1336, 34.2873

Details

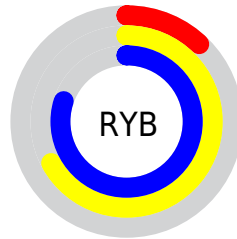
The Hex color **1FCC49** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **CC1FA2**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **6FFF7E**, and **00940C** is the 20% darker color. If you saturate the color by 10%, you get **0BCC3A**, and if you desaturate by 10%, it is **33CC58**.

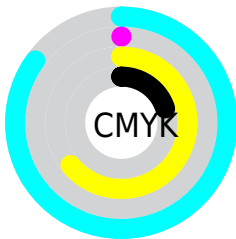
Distribution



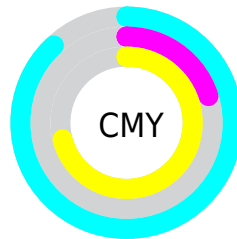
- Red (12%)
- Green (80%)
- Blue (29%)



- Red (12%)
- Yellow (67%)
- Blue (80%)



- Cyan (85%)
- Magenta (0%)
- Yellow (64%)
- Black (20%)



- Cyan (88%)
- Magenta (20%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1FCC49 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 1FCC49 by changing the saturation by 10% instead.



1FCC49



1FCC49

FFFFFF



00B02E



6FFF7E



00940C



8EFF9A



007900



ADFFB6



005F00



CCFFD2



004500



EBFFE7



002E00



000E00



000000



1FCC49



1FCC49

 0BCC3A

 33CC58

 00CC32

 48CC68

 5CCC77

 71CC87

 85CC96

 99CCA6

 AECCB5

 C2CCC5

 D7CCD4

Harmonies

Analogous

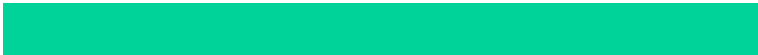
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9DBE00



1FCC49



00D399

Triad

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



1FCC49



00C1FF



FF627C

Complementary

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



1FCC49



CC1FA2

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.



FF5EC9



1FCC49



80A5FF

Square

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



1FCC49



00CFFF



F97FFF



FF8433

Rectangle

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



1FCC49



00D4CF



F97FFF



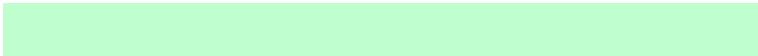
FF5C95

Sweetspot

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



1FCC49



BFFFCF



A4CC1F



598063



000000



808080

Same Dimension

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



1FCC49



00FF3E



1FCC9E



5C665E



00A628



002609

Inverse Universe

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



CC1FA2



FF00C1



CC1F4D



665C64



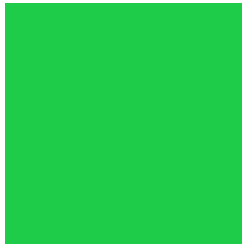
A6007E



26001D

Previews

White Background



This preview shows how the Hex color 1FCC49 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



This preview shows how the Hex color 1FCC49 looks on a 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 1FCC49 Background



This preview shows how black text looks on a background with the Hex color 1FCC49.

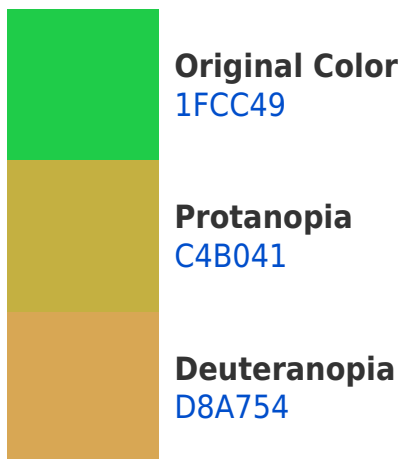


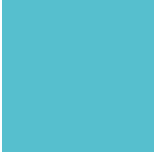
This preview shows how white text looks on a background with the Hex color 1FCC49.

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](#).

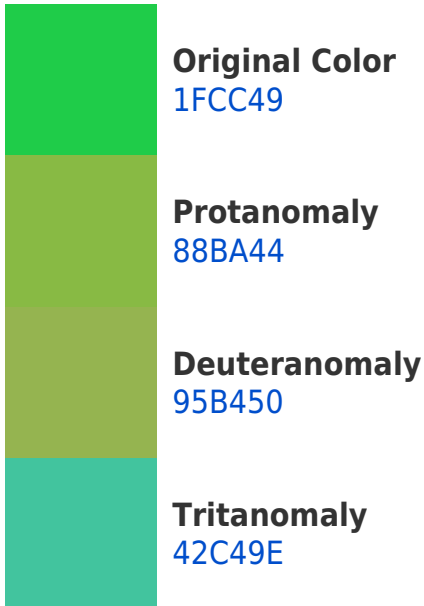
Dichromacy



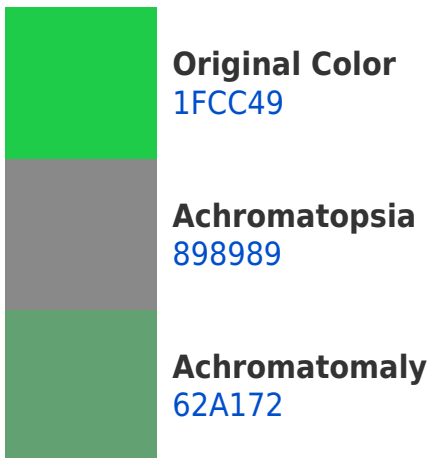


Tritanopia
56BFCE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1FCC49 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 #1FCC49 looks like.

```
.text, #text, p{  
    color:#1FCC49  
}
```

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 #1FCC49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FCC49
}
```

Border

The CSS property to change the border of an element to Hex 1FCC49 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
#1FCC49 }
```

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

```
.border{ border-color:#1FCC49 }
```

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

Here you see how a box with a 4 pixel #1FCC49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FCC49; -webkit-box-shadow:4px 4px  
4px 4px #1FCC49; box-shadow:4px 4px 4px  
4px #1FCC49 }
```

Background

The CSS property to change the background color of an element to Hex 1FCC49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FCC49 }
```

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

```
.background{ background-color:#1FCC49 }
```

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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