

Converting Colors

Hex(5FC147)

Have a look what the booklet for
Hex(5FC147) contains.

Hex(5FC147)	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(5FC147)

Conversions

Conversions Part 1

Format	Color
Hex	5FC147
RGB	95, 193, 71
RGB Percent	37%, 76%, 28%
CMY	0.6275, 0.2431, 0.7216
CMYK	0.51, 0.00, 0.63, 0.24
HSL	108°, 50%, 52%
HSV	108°, 63%, 76%
XYZ	24.9266, 41.0278, 12.5666
YIQ	149.7900, -19.2460, -58.7180

Conversions

Conversions Part 2

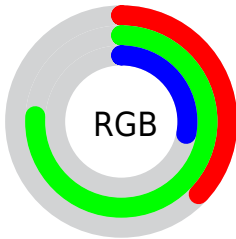
Format	Color
RYB	71, 193, 169
Decimal	6275399
CIELab	70.20, -51.49, 51.24
CIELCh	70, 72.637, 135.139
Yxy	41.0278, 0.3175, 0.5225
Android (android.graphics.Color)	4284465479 (0xFF5FC147)
YUV	149.7900, -38.8435, -48.0508
Hunter-Lab	64.0529, -42.6282, 33.2049

Details

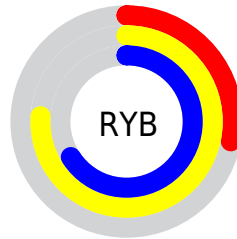
The Hex color **5FC147** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **A947C1**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **99FA7C**, and **1D8A0B** is the 20% darker color. If you saturate the color by 10%, you get **4FC134**, and if you desaturate by 10%, it is **6FC15A**.

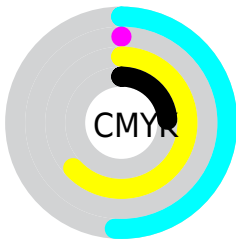
Distribution



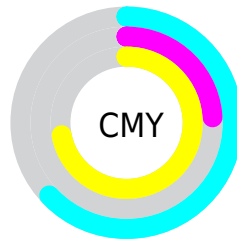
- Red (37%)
- Green (76%)
- Blue (28%)



- Red (28%)
- Yellow (76%)
- Blue (66%)



- Cyan (51%)
- Magenta (0%)
- Yellow (63%)
- Black (24%)



- Cyan (63%)
- Magenta (24%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FC147 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 5FC147 by changing the saturation by 10% instead.

 5FC147

 5FC147

FFFFFF

 41A52C

 99FA7C

 1D8A0B

 B6FF97

 007000

 D3FFB3

 005700

 F1FFCF

 003E00

 FFFFEC

 002800

 000100

 000000

 5FC147

 5FC147

 4FC134

 6FC15A

 40C120

 7EC16E

 30C10D

 8EC181

 26C100

 9DC194

 ADC1A8

 BCC1BB

 CCC1CE

 DBC1E1

 EBC1F5

Harmonies

Analogous

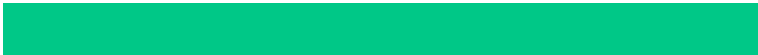
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



ADB30E



5FC147



00C887

Triad

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



5FC147



00BCFF



FF6B8D

Complementary

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



5FC147



A947C1

Split Complementary

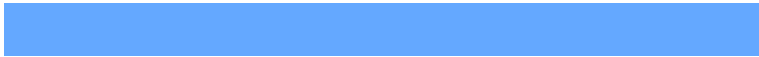
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF70CF



5FC147



64A8FF

Square

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



5FC147



00C7FF



D98BFF



FF8150

Rectangle

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



5FC147



00CAB5



D98BFF



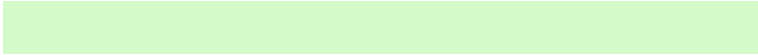
FF69A3

Sweetspot

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



5FC147



D4FACA



C1A947



667D60



FCFCFC



7D7D7D

Same Dimension

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



5FC147



61FA3C



47C16C



596157



20A100



072100

Inverse Universe

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



A947C1



D53CFA



C1479C



5F5761



8100A1



1B0021

Previews

White Background



This preview shows how the Hex color 5FC147 looks on a white background.

Color Contrast Check

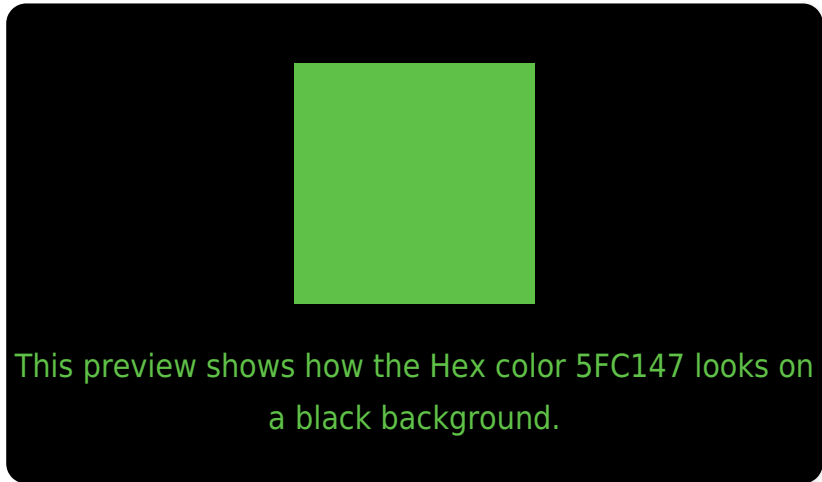
Large Text (above 18pt) WCAG AA × Fail

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

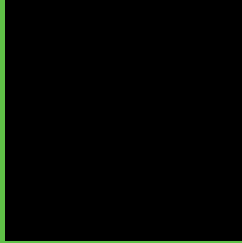
Any Text WCAG AA ✓ Pass

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 5FC147 Background



This preview shows how black text looks on a background with the Hex color 5FC147.

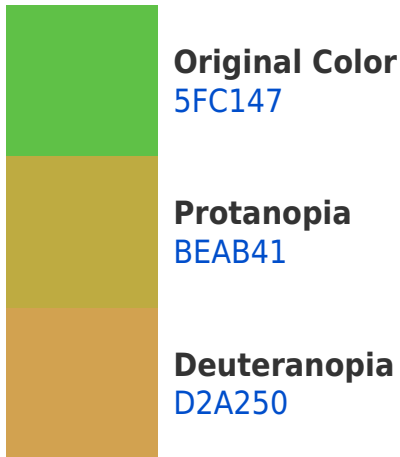


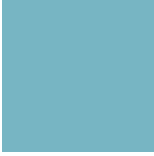
This preview shows how white text looks on a background with the Hex color 5FC147.

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](#).

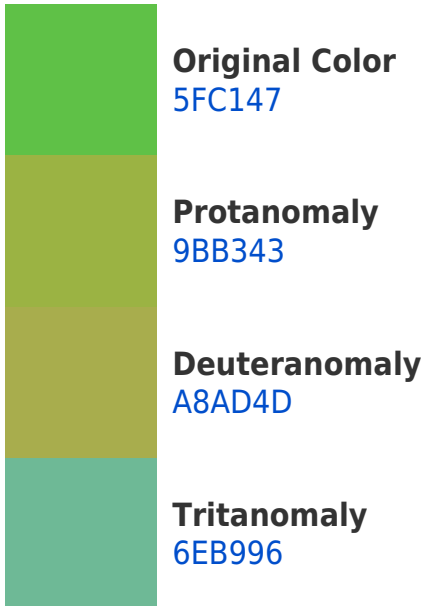
Dichromacy



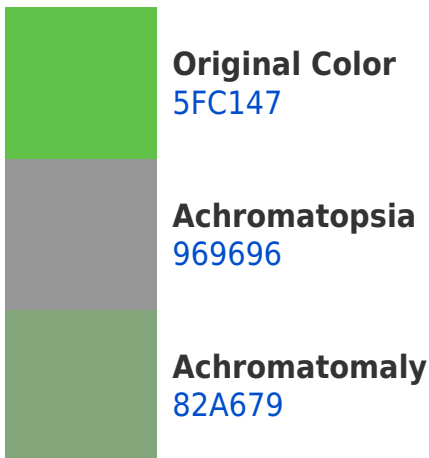


Tritanopia
77B5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FC147 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 #5FC147 looks like.

```
.text, #text, p{  
    color:#5FC147  
}
```

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 #5FC147 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FC147
}
```

Border

The CSS property to change the border of an element to Hex 5FC147 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
#5FC147 }
```

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

```
.border{ border-color:#5FC147 }
```

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

Here you see how a box with a 4 pixel #5FC147 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FC147; -webkit-box-shadow:4px 4px  
4px 4px #5FC147; box-shadow:4px 4px 4px  
4px #5FC147 }
```

Background

The CSS property to change the background color of an element to Hex 5FC147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FC147 }
```

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

```
.background{ background-color:#5FC147 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor