

# Converting Colors

Hex(5CCF1F)

Have a look what the booklet for  
Hex(5CCF1F) contains.

|  |    |
|--|----|
| <b>Hex(5CCF1F)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

**Color**

**Hex(5CCF1F)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 5CCF1F                       |
| RGB         | 92, 207, 31                  |
| RGB Percent | 36%, 81%, 12%                |
| CMY         | 0.6392, 0.1882, 0.8784       |
| CMYK        | 0.56, 0.00, 0.85, 0.19       |
| HSL         | 99°, 74%, 47%                |
| HSV         | 99°, 85%, 81%                |
| XYZ         | 26.9738, 46.9999, 8.9465     |
| YIQ         | 152.5510, -12.0440, -79.1160 |

# Conversions

## Conversions Part 2

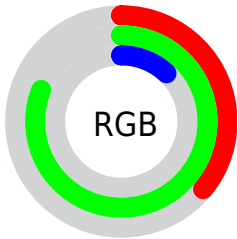
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 31, 207, 146                    |
| Decimal                             | 6082335                         |
| CIELab                              | 74.19, -60.17, 68.55            |
| CIElCh                              | 74, 91.213, 131.275             |
| Yxy                                 | 46.9999, 0.3253,<br>0.5668      |
| Android<br>(android.graphics.Color) | 4284272415<br>(0xFF5CCF1F)      |
| YUV                                 | 152.5510, -59.9246,<br>-53.1032 |
| Hunter-Lab                          | 68.5565, -49.7424,<br>40.2522   |

# Details

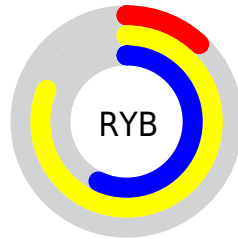
The Hex color **5CCF1F** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed green. A complement of this color would be **921FCF**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **99FF5E**, and **029700** is the 20% darker color. If you saturate the color by 10%, you get **4ECF0A**, and if you desaturate by 10%, it is **6ACF34**.

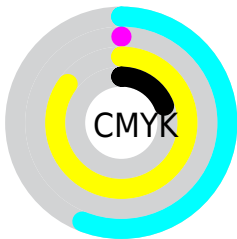
# Distribution



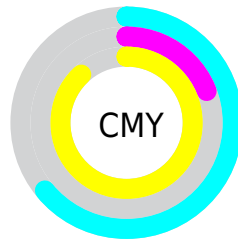
- Red (36%)
- Green (81%)
- Blue (12%)



- Red (12%)
- Yellow (81%)
- Blue (57%)



- Cyan (56%)
- Magenta (0%)
- Yellow (85%)
- Black (19%)



- Cyan (64%)
- Magenta (19%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CCF1F 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 5CCF1F by changing the saturation by 10% instead.



 5CCF1F

 5CCF1F

FFFFFF

 3AB300

 99FF5E

 029700

 B7FF7B

 007D00

 D5FF97

 006300

 F4FFB4

 004900

 FFFFD1

 003300

 FFFFEE

 001700

 000000

 5CCF1F

 5CCF1F

 4ECF0A

 6ACF34

 48CF00

 77CF48

 85CF5D

 92CF72

 A0CF87

 ADCF9B

 BBCFB0

 C8CFC5

 D6CFD9

# Harmonies

## Analogous

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



BEBD00



5CCF1F



00D87D

# Triad

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



5CCF1F



00CEFF



FF559B

# Complementary

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



5CCF1F



921FCF

# 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.



FF64EE



5CCF1F



00B6FF

# Square

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



5CCF1F



00D9FF



E090FF



FF764A

# Rectangle

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



5CCF1F



00DBB8



E090FF



FF54B7

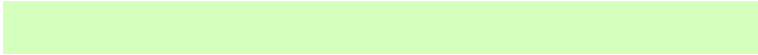


# Sweetspot

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



5CCF1F



D4FFBD



CF911F



668058



000000



808080



# Same Dimension

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



5CCF1F



58FF00



1FCF39



62695E



3AA800



0E2900



# Inverse Universe

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



921FCF



A700FF



CF1FB5



655E69



6E00A8

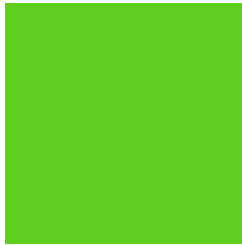


1B0029



# Previews

## White Background



This preview shows how the Hex color 5CCF1F looks on a white background.

## Color Contrast Check

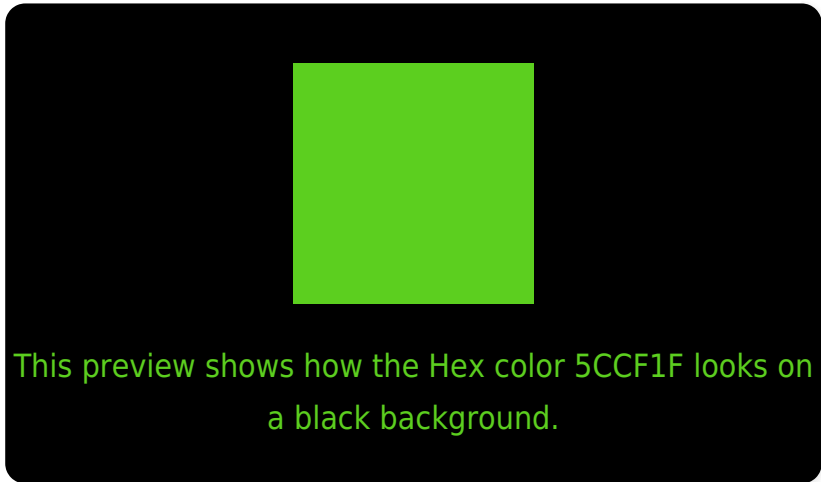
Large Text (above 18pt) WCAG AA × Fail

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 5CCF1F Background



This preview shows how black text looks on a background with the Hex color 5CCF1F.



This preview shows how white text looks on a background with the Hex color 5CCF1F.

# 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](#).

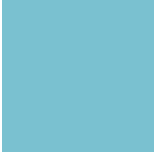
## Dichromacy



**Original Color**  
5CCF1F

**Protanopia**  
CCB617

**Deuteranopia**  
E3AC34



**Tritanopia**  
7AC1D0

# Trichromacy



**Original Color**  
5CCF1F



**Protanomaly**  
A3BF1A



**Deuteranomaly**  
B2B92C

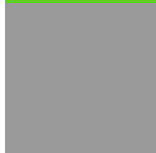


**Tritanomaly**  
6FC690

# Monochromacy



**Original Color**  
5CCF1F



**Achromatopsia**  
999999



**Achromatomaly**  
83AD6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CCF1F 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 #5CCF1F looks like.

```
.text, #text, p{  
    color:#5CCF1F  
}
```

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 #5CCF1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CCF1F
}
```

## Border

The CSS property to change the border of an element to Hex 5CCF1F 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
#5CCF1F }
```

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

```
.border{ border-color:#5CCF1F }
```

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

Here you see how a box with a 4 pixel #5CCF1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CCF1F; -webkit-box-shadow:4px 4px  
4px 4px #5CCF1F; box-shadow:4px 4px 4px  
4px #5CCF1F }
```

# Background

The CSS property to change the background color of an element to Hex 5CCF1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CCF1F }
```

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

```
.background{ background-color:#5CCF1F }
```

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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