

# Converting Colors

Hex(1FFF5C)

Have a look what the booklet for  
Hex(1FFF5C) contains.

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# Color

Hex(1FFF5C)

# Conversions

## Conversions Part 1

Format	Color
Hex	1FFF5C
RGB	31, 255, 92
RGB Percent	12%, 100%, 36%
CMY	0.8784, 0.0000, 0.6392
CMYK	0.88, 0.00, 0.64, 0.00
HSL	136°, 100%, 56%
HSV	136°, 88%, 100%
XYZ	38.2568, 72.5840, 22.1190
YIQ	169.4420, -81.1810, -98.1810

# Conversions

## Conversions Part 2

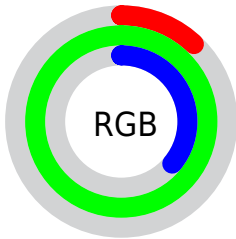
<b>Format</b>	<b>Color</b>
<b>RYB</b>	31, 207, 255
Decimal	2096988
CIELab	88.25, -80.18, 62.17
CIElCh	88, 101.457, 142.211
Yxy	72.5840, 0.2877, 0.5459
Android (android.graphics.Color)	4280287068 (0xFF1FFF5C)
YUV	169.4420, -38.1789, -121.4136
Hunter-Lab	85.1963, -68.9391, 44.2443

# Details

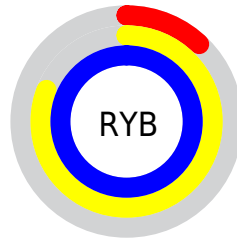
The Hex color **1FFF5C** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark washed green. A complement of this color would be **FF1FC2**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **7BFF94**, and **00C41F** is the 20% darker color. If you saturate the color by 10%, you get **06FF49**, and if you desaturate by 10%, it is **39FF6F**.

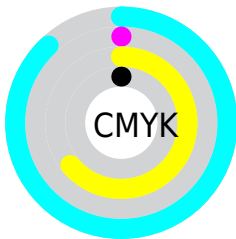
# Distribution



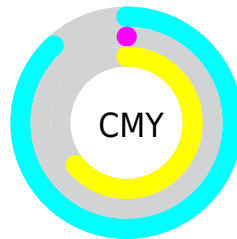
- Red (12%)
- Green (100%)
- Blue (36%)



- Red (12%)
- Yellow (81%)
- Blue (100%)



- Cyan (88%)
- Magenta (0%)
- Yellow (64%)
- Black (0%)



- Cyan (88%)
- Magenta (0%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1FFF5C 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 1FFF5C by changing the saturation by 10% instead.



 1FFF5C

FFFFFF

 7BFF94

 9EFFB0

 BEFFCD

 DFFFEA

 1FFF5C

 00E140

 00C41F

 00A800

 008C00

 007100

 005600

 003E00

 002300

 000000

 1FFF5C

 1FFF5C

 06FF49

 39FF6F

 00FF45

 52FF81

 6BFF94

 85FFA6

 9FFFB9

 B8FFCB

 D2FFDE

 EBFFF0

FFFFFF

# Harmonies

## Analogous

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



C4EE00



1FFF5C



00FFC0

# Triad

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



FFFF00



0000FF



FF0000

# Complementary

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



1FFF5C



FF1FC2

# 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.



FF75FB



1FFF5C



A0CFFF

# Square

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



1FFF5C



00FFFF



FF9FFF



FFA640

# Rectangle

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



1FFF5C



00FFFF



FF9FFF



FF72BA

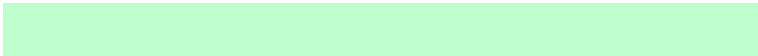


# Sweetspot

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



1FFF5C



BDFFCF



C3FF1F



588063



000000



808080



# Same Dimension

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



1FFF5C



00FF45



1FFFCB



738076



00BF34



004011



# Inverse Universe

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



FF1FC2



FF00BA



FF1F53



80737C



BF008B

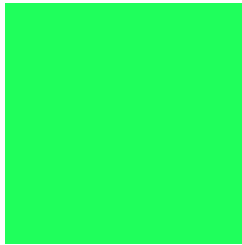


40002E



# Previews

## White Background



This preview shows how the Hex color 1FFF5C 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 1FFF5C 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 1FFF5C Background



This preview shows how black text looks on a background with the Hex color 1FFF5C.

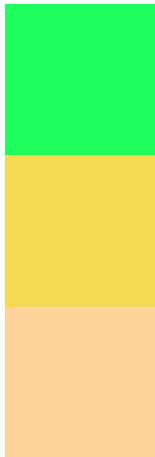


This preview shows how white text looks on a background with the Hex color 1FFF5C.

# 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](#).

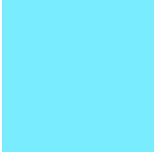
## Dichromacy



**Original Color**  
1FFF5C

**Protanopia**  
F5DB52

**Deuteranopia**  
FFD49A



**Tritanopia**  
79EDFF

# Trichromacy



**Original Color**  
1FFF5C



**Protanomaly**  
A7E856



**Deuteranomaly**  
AEE483



**Tritanomaly**  
58F4C4

# Monochromacy



**Original Color**  
1FFF5C



**Achromatopsia**  
A9A9A9



**Achromatomaly**  
77C88D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1FFF5C 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 #1FFF5C looks like.

```
.text, #text, p{  
    color:#1FFF5C  
}
```

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 #1FFF5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FFF5C
}
```

## Border

The CSS property to change the border of an element to Hex 1FFF5C 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
#1FFF5C }
```

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

```
.border{ border-color:#1FFF5C }
```

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

Here you see how a box with a 4 pixel #1FFF5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FFF5C; -webkit-box-shadow:4px 4px  
4px 4px #1FFF5C; box-shadow:4px 4px 4px  
4px #1FFF5C }
```

# Background

The CSS property to change the background color of an element to Hex 1FFF5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FFF5C }
```

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

```
.background{ background-color:#1FFF5C }
```

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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