

# Converting Colors

Hex(1FC500)

Have a look what the booklet for  
Hex(1FC500) contains.

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**Color**

**Hex(1FC500)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1FC500
RGB	31, 197, 0
RGB Percent	12%, 77%, 0%
CMY	0.8784, 0.2275, 1.0000
CMYK	0.84, 0.00, 1.00, 0.23
HSL	111°, 100%, 39%
HSV	111°, 100%, 77%
XYZ	20.5313, 40.2238, 6.6819
YIQ	124.9080, -35.6990, -96.4590

# Conversions

## Conversions Part 2

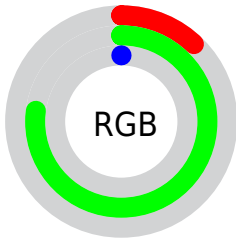
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 197, 166
Decimal	2082048
CIELab	69.63, -69.08, 68.75
CIELCh	70, 97.462, 135.139
Yxy	40.2238, 0.3045, 0.5965
Android (android.graphics.Color)	4280272128 (0xFF1FC500)
YUV	124.9080, -61.5796, -82.3573
Hunter-Lab	63.4222, -53.2041, 38.1491

# Details

The Hex color **1FC500** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **A600C5**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **6FFF50**, and **008D00** is the 20% darker color. If you saturate the color by 10%, you get **1FC500**, and if you desaturate by 10%, it is **30C514**.

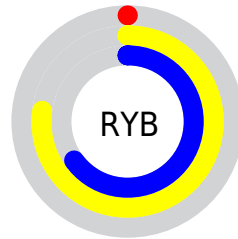
# Distribution



Red (12%)

Green (77%)

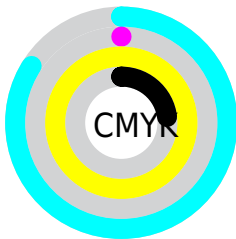
Blue (0%)



Red (0%)

Yellow (77%)

Blue (65%)

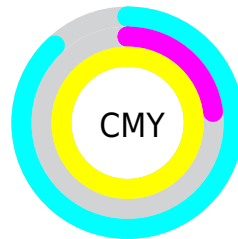


Cyan (84%)

Magenta (0%)

Yellow (100%)

Black (23%)



Cyan (88%)

Magenta (23%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1FC500 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 1FC500 by changing the saturation by 10% instead.



 1FC500

 1FC500

FFFFFF

 00A900

 6FFF50

 008D00

 8FFF6D

 007300

 AFFF89

 005900

 CDFFA6

 004000

 ECFFC2

 002700

 FFFFEO

 000000

 FFFFFD

 1FC500

 30C514

 40C527

 51C53B

 61C54F

 72C563

 83C576

 93C58A

 A4C59E

 B4C5B1

# Harmonies

## Analogous

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



A4B400



1FC500



00CD79

# Triad

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



1FC500



00C1FF



FF3382

# Complementary

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



1FC500



A600C5

# 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.



FF40DA



1FC500



00A6FF

# Square

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



1FC500



00CDFE



E379FF



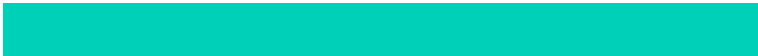
FF682A

# Rectangle

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



1FC500



00D0B8



E379FF



FF2A9F

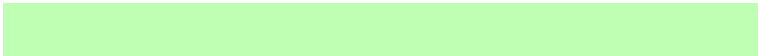


# Sweetspot

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



1FC500



BFFFB3



C5A400



598052



000000



808080



# Same Dimension

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



1FC500



28FF00



00C542



5B635A



1AA300



062400



# Inverse Universe

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



A600C5



D700FF



C50083



625A63



8A00A3

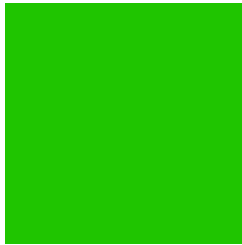


1E0024



# Previews

## White Background



This preview shows how the Hex color 1FC500 looks on a white background.

## Color Contrast Check

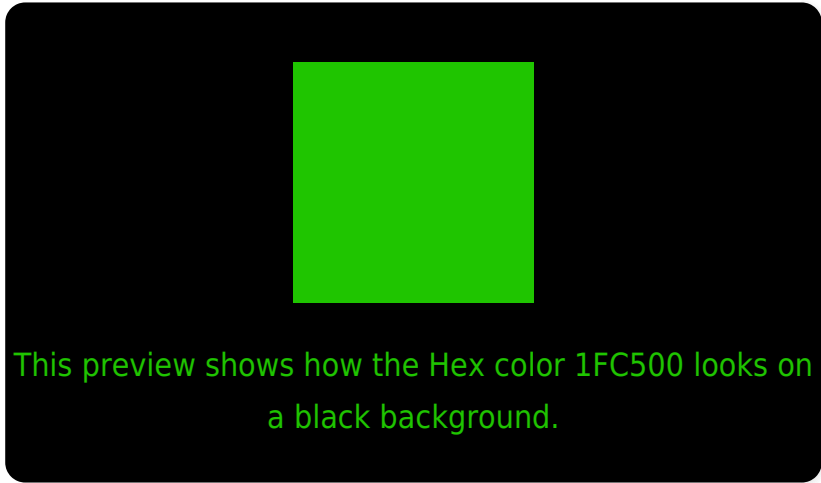
Large Text (above 18pt) WCAG AA × Fail

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 1FC500 Background



This preview shows how black text looks on a background with the Hex color 1FC500.

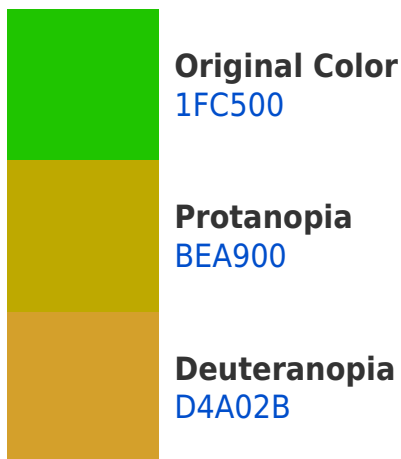


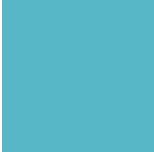
This preview shows how white text looks on a background with the Hex color 1FC500.

# 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**  
57B7C6

# Trichromacy



**Original Color**  
1FC500



**Protanomaly**  
84B300



**Deuteranomaly**  
92AD1B



**Tritanomaly**  
43BC7E

# Monochromacy



**Original Color**  
1FC500



**Achromatopsia**  
7D7D7D



**Achromatomaly**  
5B9750

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1FC500 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 #1FC500 looks like.

```
.text, #text, p{  
    color:#1FC500  
}
```

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 #1FC500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FC500
}
```

## Border

The CSS property to change the border of an element to Hex 1FC500 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
#1FC500 }
```

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

```
.border{ border-color:#1FC500 }
```

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

Here you see how a box with a 4 pixel #1FC500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FC500; -webkit-box-shadow:4px 4px  
4px 4px #1FC500; box-shadow:4px 4px 4px  
4px #1FC500 }
```

# Background

The CSS property to change the background color of an element to Hex 1FC500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FC500 }
```

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

```
.background{ background-color:#1FC500 }
```

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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