

# Converting Colors

Hex(13FC03)

Have a look what the booklet for  
Hex(13FC03) contains.

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# **Color**

**Hex(13FC03)**

# Conversions

## Conversions Part 1

Format	Color
Hex	13FC03
RGB	19, 252, 3
RGB Percent	7%, 99%, 1%
CMY	0.9255, 0.0118, 0.9882
CMYK	0.92, 0.00, 0.99, 0.01
HSL	116°, 98%, 50%
HSV	116°, 99%, 99%
XYZ	35.0954, 69.7658, 11.7026
YIQ	153.9470, -58.9390, -126.8350

# Conversions

## Conversions Part 2

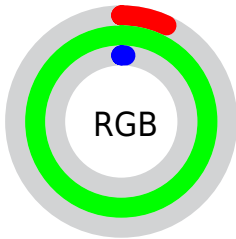
Format	Color
<a href="#">RYB</a>	<a href="#">3, 252, 236</a>
Decimal	<a href="#">1309699</a>
CIELab	<a href="#">86.88, -84.75, 82.29</a>
CIELCh	<a href="#">87, 118.128, 135.843</a>
Yxy	<a href="#">69.7658, 0.3011, 0.5985</a>
Android (android.graphics.Color)	<a href="#">4279499779</a> ( <a href="#">0xFF13FC03</a> )
YUV	<a href="#">153.9470, -74.4169, -118.3485</a>
Hunter-Lab	<a href="#">83.5259, -71.1694, 50.1612</a>

# Details

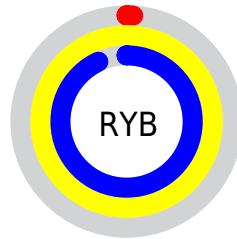
The Hex color **13FC03** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **EC03FC**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **7AFF5C**, and **00C200** is the 20% darker color. If you saturate the color by 10%, you get **10FC00**, and if you desaturate by 10%, it is **2BFC1C**.

# Distribution



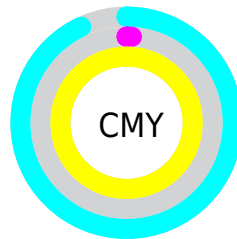
- Red (7%)
- Green (99%)
- Blue (1%)



- Red (1%)
- Yellow (99%)
- Blue (93%)



- Cyan (92%)
- Magenta (0%)
- Yellow (99%)
- Black (1%)



- Cyan (93%)
- Magenta (1%)
- Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 13FC03 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 13FC03 by changing the saturation by 10% instead.



 13FC03

 13FC03

FFFFFF

 00DE00


 7AFF5C

 00C200

 9DFF7B

 00A500

 BFFF99

 008900

 E0FFB6

 006E00

 FFFFD4

 005300

 FFFFF2

 003A00

 002000

 000000

 13FC03

 13FC03

 10FC00

 2BFC1C

 42FC35

 5AFC4F

 71FC68

 89FC81

 A0FC9A

 B8FCB3

 D0FCCD

 E7FCE6

# Harmonies

## Analogous

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



CFE700



13FC03



00FF9E

# Triad

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



13FC03



00F6FF



FF41A4

# Complementary

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



13FC03



EC03FC

# 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.



FF4FFF



13FC03



00D3FF

# Square

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



13FC03



00FFFF



FF9AFF



FF8733

# Rectangle

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



13FC03



00FFED



FF9AFF



FF33C9

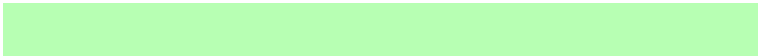


# Sweetspot

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



13FC03



B7FFB3



FCEB03



558052



000000



808080



# Same Dimension

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



13FC03



10FF00



03FC6F



717D70



0CBD00



043D00



# Inverse Universe

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



EC03FC



EF00FF



FC0390



7C707D



B100BD

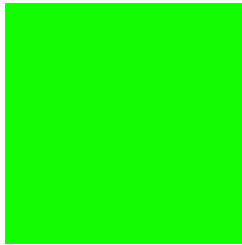


39003D



# Previews

## White Background



This preview shows how the Hex color 13FC03 looks on a white background.

## Color Contrast Check

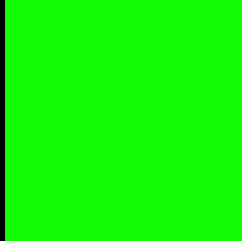
Large Text (above 18pt) WCAG AA × Fail

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 13FC03 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

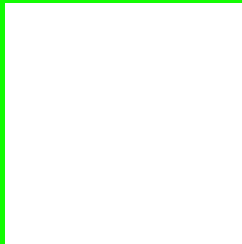
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 13FC03 Background



This preview shows how black text looks on a background with the Hex color 13FC03.



This preview shows how white text looks on a background with the Hex color 13FC03.

# 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](#).

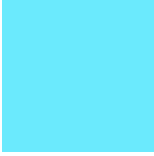
## Dichromacy



**Original Color**  
FFD700

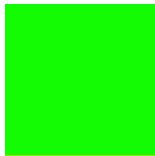
**Protanopia**  
FFD080

**Deuteranopia**  
FFFACD



**Tritanopia**  
6BEAFD

# Trichromacy



**Original Color**  
13FC03



**Protanomaly**  
A2E501

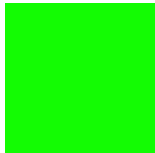


**Deuteranomaly**  
A9E056



**Tritanomaly**  
4BF1A2

# Monochromacy



**Original Color**  
13FC03



**Achromatopsia**  
9A9A9A



**Achromatomaly**  
69BE63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 13FC03 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 #13FC03 looks like.

```
.text, #text, p{  
    color:#13FC03  
}
```

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 #13FC03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13FC03
}
```

## Border

The CSS property to change the border of an element to Hex 13FC03 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
#13FC03 }
```

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

```
.border{ border-color:#13FC03 }
```

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

Here you see how a box with a 4 pixel #13FC03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13FC03; -webkit-box-shadow:4px 4px  
4px 4px #13FC03; box-shadow:4px 4px 4px  
4px #13FC03 }
```

# Background

The CSS property to change the background color of an element to Hex 13FC03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13FC03 }
```

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

```
.background{ background-color:#13FC03 }
```

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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