

# Converting Colors

Hex(17FC0A)

Have a look what the booklet for  
Hex(17FC0A) contains.

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# Color

Hex(17FC0A)

# Conversions

## Conversions Part 1

Format	Color
Hex	17FC0A
RGB	23, 252, 10
RGB Percent	9%, 99%, 4%
CMY	0.9098, 0.0118, 0.9608
CMYK	0.91, 0.00, 0.96, 0.01
HSL	117°, 98%, 51%
HSV	117°, 96%, 99%
XYZ	35.2185, 69.8249, 11.9085
YIQ	155.9410, -58.8020, -123.8100

# Conversions

## Conversions Part 2

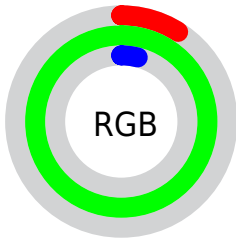
Format	Color
<a href="#">RYB</a>	<a href="#">10, 252, 239</a>
Decimal	<a href="#">1571850</a>
CIELab	<a href="#">86.91, -84.45, 81.79</a>
CIELCh	<a href="#">87, 117.566, 135.919</a>
Yxy	<a href="#">69.8249, 0.3011, 0.5970</a>
Android (android.graphics.Color)	<a href="#">4279761930 (0xFF17FC0A)</a>
YUV	<a href="#">155.9410, -71.9489, -116.5893</a>
Hunter-Lab	<a href="#">83.5613, -70.9999, 50.0433</a>

# Details

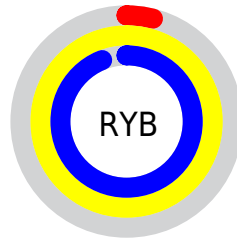
The Hex color **17FC0A** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **EF0AFC**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **7BFF5E**, and **00C200** is the 20% darker color. If you saturate the color by 10%, you get **0EFC00**, and if you desaturate by 10%, it is **2FFC23**.

# Distribution



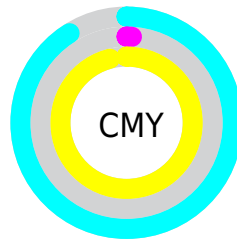
- Red (9%)
- Green (99%)
- Blue (4%)



- Red (4%)
- Yellow (99%)
- Blue (94%)



- Cyan (91%)
- Magenta (0%)
- Yellow (96%)
- Black (1%)



- Cyan (91%)
- Magenta (1%)
- Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 17FC0A 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 17FC0A by changing the saturation by 10% instead.



 17FC0A

 17FC0A

FFFFFF

 00DE00

 7BFF5E

 00C200

 9EFF7C

 00A500

 BFFF9A

 008900

 E0FFB8

 006E00

 FFFFD6

 005300

 FFFFF4

 003A00

 002000

 000000

 17FC0A

 17FC0A

 0EFC00

 2FFC23

 47FC3C

 5FFC56

 76FC6F

 8EFC88

 A6FCA1

 BEFCBA

 D6FCD4

 EEFCED

# Harmonies

## Analogous

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



CFE700



17FC0A



00FF9F

# Triad

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



17FC0A



00F6FF



FF43A4

# Complementary

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



17FC0A



EF0AFC

# 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.



FF51FF



17FC0A



00D3FF

# Square

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



17FC0A



00FFFF



FF9AFF



FF8834

# Rectangle

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



17FC0A



00FFEE



FF9AFF



FF37C9

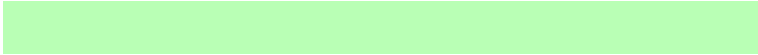


# Sweetspot

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



17FC0A



B9FFB5



FCEC0A



558053



000000



808080



# Same Dimension

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



17FC0A



0EFF00



0AFC73



717D70



0ABD00



033D00



# Inverse Universe

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



EF0AFC



F100FF



FC0A93



7C707D



B300BD

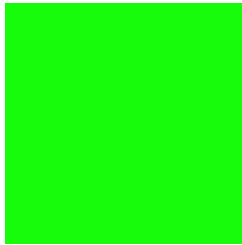


3A003D



# Previews

## White Background



This preview shows how the Hex color 17FC0A looks on a white background.

## Color Contrast Check

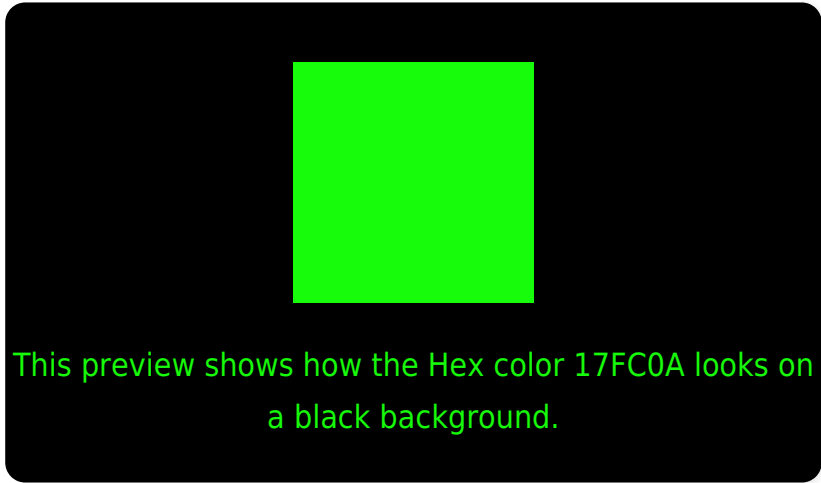
Large Text (above 18pt) WCAG AA × Fail

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

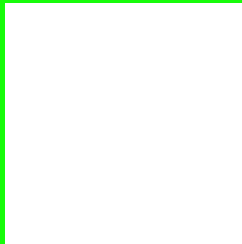
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 17FC0A Background



This preview shows how black text looks on a background with the Hex color 17FC0A.



This preview shows how white text looks on a background with the Hex color 17FC0A.

# 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](#).

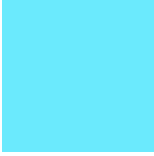
## Dichromacy



**Original Color**  
E67E22

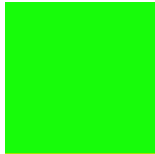
**Protanopia**  
F3D800

**Deuteranopia**  
FFD085



**Tritanopia**  
6BEAFD

# Trichromacy



**Original Color**  
17FC0A



**Protanomaly**  
A3E504

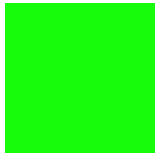


**Deuteranomaly**  
ABE058



**Tritanomaly**  
4CF1A5

# Monochromacy



**Original Color**  
17FC0A



**Achromatopsia**  
9C9C9C



**Achromatomaly**  
6CBF67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 17FC0A 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 #17FC0A looks like.

```
.text, #text, p{  
    color:#17FC0A  
}
```

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 #17FC0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17FC0A
}
```

## Border

The CSS property to change the border of an element to Hex 17FC0A 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
#17FC0A }
```

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

```
.border{ border-color:#17FC0A }
```

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

Here you see how a box with a 4 pixel #17FC0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17FC0A; -webkit-box-shadow:4px 4px  
4px 4px #17FC0A; box-shadow:4px 4px 4px  
4px #17FC0A }
```

# Background

The CSS property to change the background color of an element to Hex 17FC0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17FC0A }
```

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

```
.background{ background-color:#17FC0A }
```

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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