

# Converting Colors

Hex(0BFF08)

Have a look what the booklet for  
Hex(0BFF08) contains.

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# Color

Hex(0BFF08)

# Conversions

## Conversions Part 1

Format	Color
Hex	0BFF08
RGB	11, 255, 8
RGB Percent	4%, 100%, 3%
CMY	0.9569, 0.0000, 0.9686
CMYK	0.96, 0.00, 0.97, 0.00
HSL	119°, 100%, 52%
HSV	119°, 97%, 100%
XYZ	35.9418, 71.6087, 12.1573
YIQ	153.8860, -66.1370, -128.5450

# Conversions

## Conversions Part 2

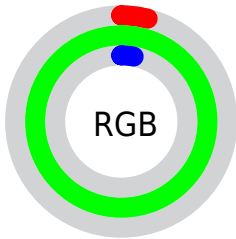
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	8, 255, 252
Decimal	786184
CIE Lab	87.78, -85.76, 82.62
CIE LCh	88, 119.085, 136.066
Yxy	71.6087, 0.3002, 0.5982
Android (android.graphics.Color)	4278976264 (0xFF0BFF08)
YUV	153.8860, -71.9218, -125.3110
Hunter-Lab	84.6219, -72.2732, 50.7174

# Details

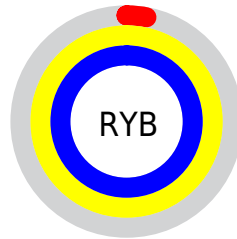
The Hex color **0BFF08** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **FC08FF**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **79FF5E**, and **00C400** is the 20% darker color. If you saturate the color by 10%, you get **03FF00**, and if you desaturate by 10%, it is **24FF21**.

# Distribution



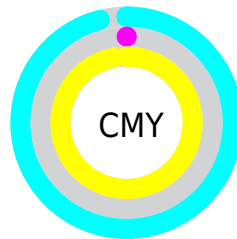
- Red (4%)
- Green (100%)
- Blue (3%)



- Red (3%)
- Yellow (100%)
- Blue (99%)



- Cyan (96%)
- Magenta (0%)
- Yellow (97%)
- Black (0%)



- Cyan (96%)
- Magenta (0%)
- Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0BFF08 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 0BFF08 by changing the saturation by 10% instead.



 0BFF08

 0BFF08

FFFFFF

 00E100

 79FF5E

 00C400

 9DFF7D

 00A800

 BFFF9B

 008C00

 DFFFB8

 007100

 FFFFD6

 005600

 FFFFF4

 003D00

 002200

 000000

 0BFF08

 0BFF08

 03FF00

 24FF21

 3DFF3B

 57FF55

 70FF6E

 89FF88

 A2FFA1

 BBFFBB

 D5FFD4

 EEFFEE

# Harmonies

## Analogous

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



D1EA00



0BFF08



00FFA1

# Triad

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



0BFF08



00F9FF



FF42A5

# Complementary

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



0BFF08



FC08FF

# 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.



FF50FF



0BFF08



00D6FF

# Square

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



0BFF08



00FFFF



FF9BFF



FF8933

# Rectangle

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



0BFF08



00FFF1



FF9BFF



FF35CA

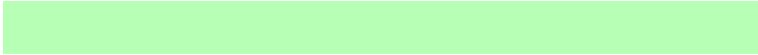


# Sweetspot

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



0BFF08



B6FFB5



FFFB08



538053



000000



808080



# Same Dimension

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



0BFF08



03FF00



08FF7F



738073



02BF00



014000



# Inverse Universe

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



FC08FF



FC00FF



FF0888



7F7380



BD00BF

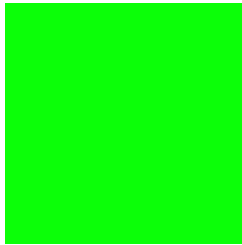


3F0040



# Previews

## White Background



This preview shows how the Hex color 0BFF08 looks on a white background.

## Color Contrast Check

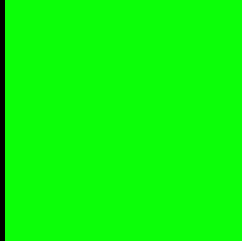
Large Text (above 18pt) WCAG AA × Fail

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 0BFF08 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

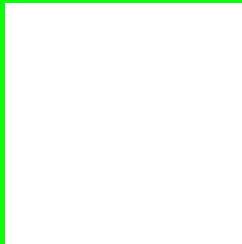
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0BFF08 Background



This preview shows how black text looks on a background with the Hex color 0BFF08.



This preview shows how white text looks on a background with the Hex color 0BFF08.

# 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](#).

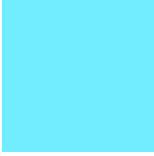
## Dichromacy



**Original Color**  
0BFF08

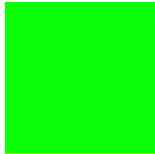
**Protanopia**  
F6DA00

**Deuteranopia**  
FFD38F



**Tritanopia**  
72ECFF

# Trichromacy



**Original Color**  
0BFF08



**Protanomaly**  
A1E703

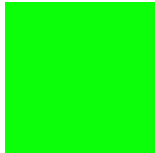


**Deuteranomaly**  
A6E35E



**Tritanomaly**  
4DF3A5

# Monochromacy



**Original Color**  
0BFF08



**Achromatopsia**  
9A9A9A



**Achromatomaly**  
66BF65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0BFF08 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 #0BFF08 looks like.

```
.text, #text, p{  
    color:#0BFF08  
}
```

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 #0BFF08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BFF08
}
```

## Border

The CSS property to change the border of an element to Hex 0BFF08 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
#0BFF08 }
```

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

```
.border{ border-color:#0BFF08 }
```

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

Here you see how a box with a 4 pixel #0BFF08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BFF08; -webkit-box-shadow:4px 4px  
4px 4px #0BFF08; box-shadow:4px 4px 4px  
4px #0BFF08 }
```

# Background

The CSS property to change the background color of an element to Hex 0BFF08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BFF08 }
```

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

```
.background{ background-color:#0BFF08 }
```

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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