

# Converting Colors

Hex(0FFF26)

Have a look what the booklet for  
Hex(0FFF26) contains.

<b>Hex(0FFF26)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(0FFF26)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0FFF26
RGB	15, 255, 38
RGB Percent	6%, 100%, 15%
CMY	0.9412, 0.0000, 0.8510
CMYK	0.94, 0.00, 0.85, 0.00
HSL	126°, 100%, 53%
HSV	126°, 94%, 100%
XYZ	36.3069, 71.7615, 13.7715
YIQ	158.5020, -73.3830, -118.3670

# Conversions

## Conversions Part 2

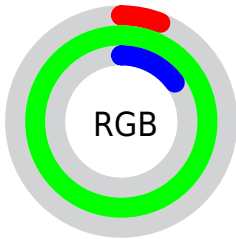
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 234, 255
Decimal	1048358
CIELab	87.85, -84.86, 78.66
CIELCh	88, 115.710, 137.168
Yxy	71.7615, 0.2980, 0.5890
Android (android.graphics.Color)	4279238438 (0xFF0FFF26)
YUV	158.5020, -59.4075, -125.8513
Hunter-Lab	84.7122, -71.7428, 49.6598

# Details

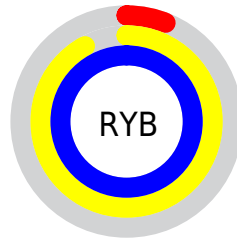
The Hex color **0FFF26** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **FF0FE8**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **79FF6A**, and **00C400** is the 20% darker color. If you saturate the color by 10%, you get **00FF18**, and if you desaturate by 10%, it is **29FF3D**.

# Distribution



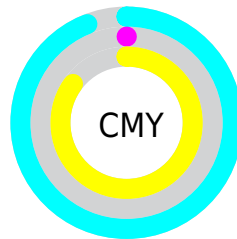
- Red (6%)
- Green (100%)
- Blue (15%)



- Red (6%)
- Yellow (92%)
- Blue (100%)



- Cyan (94%)
- Magenta (0%)
- Yellow (85%)
- Black (0%)



- Cyan (94%)
- Magenta (0%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0FFF26 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 0FFF26 by changing the saturation by 10% instead.



 0FFF26

 0FFF26

FFFFFF

 00E100

 79FF6A

 00C400

 9DFF87

 00A800

 BEFFA5

 008C00

 DFFFC2

 007100

 FFFFEO

 005600

FFFFFFE

 003D00

 002200

 000000

 0FFF26

 0FFF26

 00FF18

 29FF3D

 42FF54

 5CFF6B

 75FF82

 8FFF99

 A8FFB0

 C2FFC7

 DBFFDE

 F5FFF6

# Harmonies

## Analogous

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



CEEB00



0FFF26



00FFA7

# 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.



0FFF26



FF0FE8

# 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.



FF58FF



0FFF26



0ED4FF

# Square

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



0FFF26



00FFFF



FF9CFF



FF8F35

# Rectangle

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



0FFF26



00FFF5



FF9CFF



FF46C7

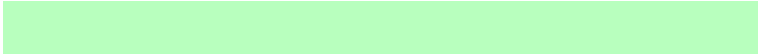


# Sweetspot

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



0FFF26



B8FFBE



EBFF0F



548058



000000



808080



# Same Dimension

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



0FFF26



00FF18



0FFF9B



738074



00BF12



004006



# Inverse Universe

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



FF0FE8



FF00E7



FF0F73



80737E



BF00AD

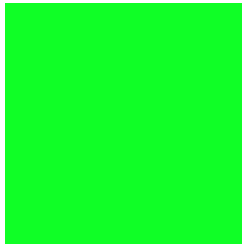


40003A



# Previews

## White Background



This preview shows how the Hex color `0FFF26` looks on a white background.

## Color Contrast Check

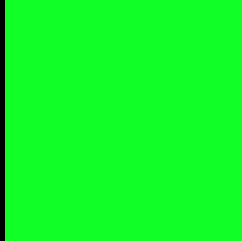
Large Text (above 18pt) WCAG AA × Fail

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 0FFF26 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 0FFF26 Background



This preview shows how black text looks on a background with the Hex color 0FFF26.

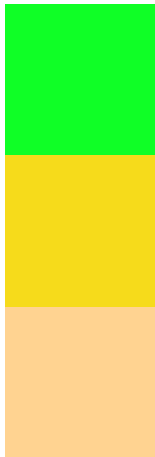


This preview shows how white text looks on a background with the Hex color 0FFF26.

# 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](#).

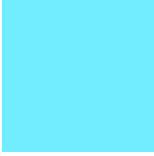
## Dichromacy



**Original Color**  
0FFF26

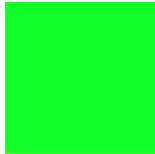
**Protanopia**  
F6DB1B

**Deuteranopia**  
FFD391



**Tritanopia**  
72ECFF

# Trichromacy



**Original Color**  
0FFF26



**Protanomaly**  
A2E81F



**Deuteranomaly**  
A8E36A



**Tritanomaly**  
4EF3B0

# Monochromacy



**Original Color**  
0FFF26



**Achromatopsia**  
9F9F9F



**Achromatomaly**  
6BC273

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0FFF26 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 #0FFF26 looks like.

```
.text, #text, p{  
    color:#0FFF26  
}
```

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 #0FFF26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FFF26
}
```

## Border

The CSS property to change the border of an element to Hex 0FFF26 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
#0FFF26 }
```

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

```
.border{ border-color:#0FFF26 }
```

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

Here you see how a box with a 4 pixel #0FFF26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FFF26; -webkit-box-shadow:4px 4px  
4px 4px #0FFF26; box-shadow:4px 4px 4px  
4px #0FFF26 }
```

# Background

The CSS property to change the background color of an element to Hex 0FFF26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FFF26 }
```

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

```
.background{ background-color:#0FFF26 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor