

# Converting Colors

Hex(00F331)

Have a look what the booklet for  
Hex(00F331) contains.

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# **Color**

**Hex(00F331)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00F331
RGB	0, 243, 49
RGB Percent	0%, 95%, 19%
CMY	1.0000, 0.0471, 0.8078
CMYK	1.00, 0.00, 0.80, 0.05
HSL	132°, 100%, 48%
HSV	132°, 100%, 95%
XYZ	32.6050, 64.3229, 13.6028
YIQ	148.2270, -82.5540, -111.8500

# Conversions

## Conversions Part 2

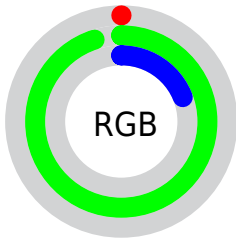
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 202, 243
Decimal	62257
CIELab	84.13, -81.60, 72.66
CIELCh	84, 109.261, 138.315
Yxy	64.3229, 0.2950, 0.5819
Android (android.graphics.Color)	4278252337 (0xFF00F331)
YUV	148.2270, -48.9189, -129.9951
Hunter-Lab	80.2016, -67.7858, 46.0850

# Details

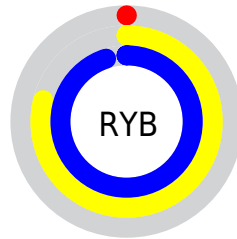
The Hex color **00F331** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark saturated green. A complement of this color would be **F300C2**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **73FF6F**, and **00B900** is the 20% darker color. If you saturate the color by 10%, you get **00F331**, and if you desaturate by 10%, it is **18F344**.

# Distribution



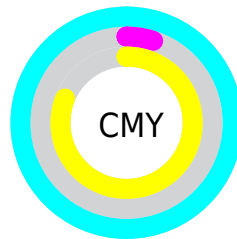
- Red (0%)
- Green (95%)
- Blue (19%)



- Red (0%)
- Yellow (79%)
- Blue (95%)



- Cyan (100%)
- Magenta (0%)
- Yellow (80%)
- Black (5%)



- Cyan (100%)
- Magenta (5%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00F331 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 00F331 by changing the saturation by 10% instead.



 00F331

 00F331

FFFFFF

 00D600

 73FF6F

 00B900

 96FF8C

 009D00

 B7FFA9

 008100

 D8FFC6

 006600

 F8FFE3

 004C00

 003300

 001700

 000000

 00F331

 18F344

 31F358

 49F36B

 61F37F

 79F392

 92F3A5

 AAF3B9

 C2F3CC

 DBF3E0

# Harmonies

## Analogous

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



C1E000



00F331



00FCA5

# Triad

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



00F331



00EAFF



FF5598

# Complementary

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



00F331



F300C2

# 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



00F331



4CC8FF

# Square

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



00F331



00FAFF



FF94FF



FF8D32

# Rectangle

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



00F331



00FEED



FF94FF



FF4BBA

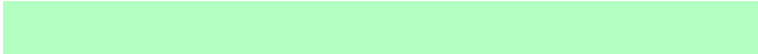


# Sweetspot

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



00F331



B3FFC2



C2F300



52805B



000000



808080



# Same Dimension

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



00F331



00FF33



00F3AA



6E7A71



00BA26



003B0C



# Inverse Universe

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



F300C2



FF00CC



F30049



7A6E78



BA0095

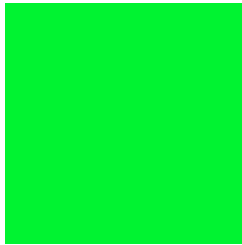


3B002F



# Previews

## White Background



This preview shows how the Hex color 00F331 looks on a white background.

## Color Contrast Check

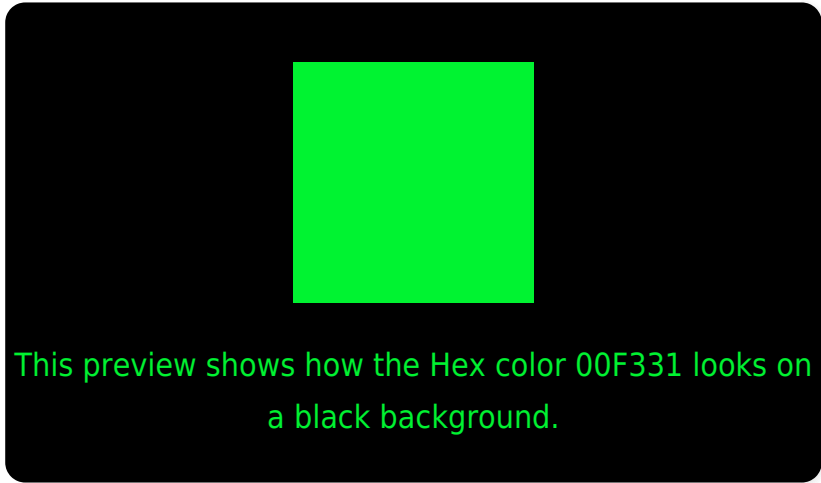
Large Text (above 18pt) WCAG AA × Fail

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

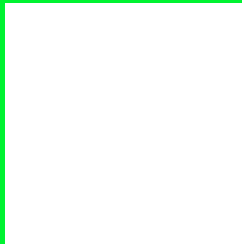
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00F331 Background



This preview shows how black text looks on a background with the Hex color 00F331.

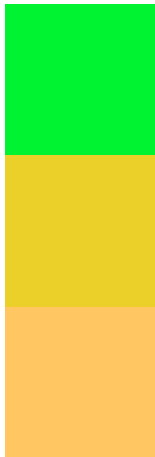


This preview shows how white text looks on a background with the Hex color 00F331.

# 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](#).

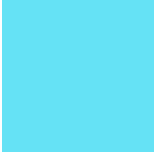
## Dichromacy



**Original Color**  
00F331

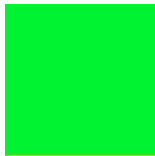
**Protanopia**  
EAD028

**Deuteranopia**  
FFC661



**Tritanopia**  
65E2F5

# Trichromacy



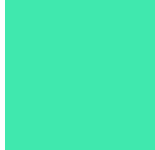
**Original Color**  
00F331



**Protanomaly**  
95DD2B



**Deuteranomaly**  
A2D650



**Tritanomaly**  
40E8AE

# Monochromacy



**Original Color**  
00F331



**Achromatopsia**  
949494



**Achromatomaly**  
5EB770

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00F331 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 #00F331 looks like.

```
.text, #text, p{  
    color:#00F331  
}
```

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 #00F331 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F331
}
```

## Border

The CSS property to change the border of an element to Hex 00F331 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
#00F331 }
```

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

```
.border{ border-color:#00F331 }
```

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

Here you see how a box with a 4 pixel #00F331 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F331; -webkit-box-shadow:4px 4px  
4px 4px #00F331; box-shadow:4px 4px 4px  
4px #00F331 }
```

# Background

The CSS property to change the background color of an element to Hex 00F331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F331 }
```

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

```
.background{ background-color:#00F331 }
```

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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