

# Converting Colors

Hex(0031FC)

Have a look what the booklet for  
Hex(0031FC) contains.

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**Color**

**Hex(0031FC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0031FC
RGB	0, 49, 252
RGB Percent	0%, 19%, 99%
CMY	1.0000, 0.8078, 0.0118
CMYK	1.00, 0.81, 0.00, 0.01
HSL	228°, 100%, 49%
HSV	228°, 100%, 99%
XYZ	18.6690, 9.2249, 92.8921
YIQ	57.4910, -94.3670, 52.7450

# Conversions

## Conversions Part 2

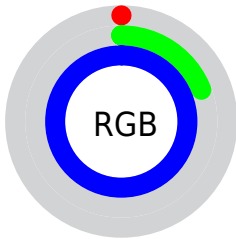
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 41, 252
Decimal	12796
CIELab	36.41, 64.72, -99.32
CIELCh	36, 118.547, 303.092
Yxy	9.2249, 0.1546, 0.0764
Android (android.graphics.Color)	4278202876 (0xFF0031FC)
YUV	57.4910, 95.8929, -50.4196
Hunter-Lab	30.3725, 56.5662, -160.0733

# Details

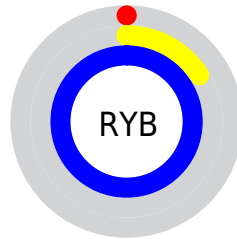
The Hex color **0031FC** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **FCCB00**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **7663FF**, and **0000C2** is the 20% darker color. If you saturate the color by 10%, you get **0031FC**, and if you desaturate by 10%, it is **1945FC**.

# Distribution



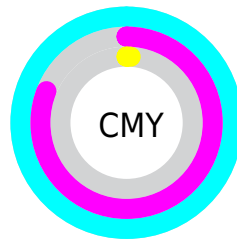
- Red (0%)
- Green (19%)
- Blue (99%)



- Red (0%)
- Yellow (16%)
- Blue (99%)



- Cyan (100%)
- Magenta (81%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (81%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0031FC 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 0031FC by changing the saturation by 10% instead.



 0031FC

 0031FC

FFFFFF

 0018DF

 7663FF

 0000C2

 997DFF

 0000A5

 BB98FF

 00008A

 DCB4FF


 000F6F


 FCD0FF

 000C56

 FFECFF

 00063D

 000327

 000110

 0031FC

 1945FC

 325AFC

 4C6EFC

 6582FC

 7E97FC

 97ABFC

 B0BFFC

 CAD3FC

 E3E8FC

# Harmonies

## Analogous

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



0066FF



0031FC



C400AF

# Triad

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



0031FC



A91D00



00725E

# Complementary

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



0031FC



FCCB00

# 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.



007000



0031FC



615700

# Square

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



0031FC



DB0000



006900



0075BF

# Rectangle

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



0031FC



E50070



006900



00713C



# Sweetspot

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



0031FC



B3C1FF



00FCCA



525B80



000000



808080



# Same Dimension

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



0031FC



0032FF



4C00FC



70737D



0025BD



000C3D



# Inverse Universe

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



FC0031



FF0032



B0FC00



7D7073



BD0025



3D000C



# Previews

## White Background



This preview shows how the Hex color 0031FC looks on a white background.

## Color Contrast Check

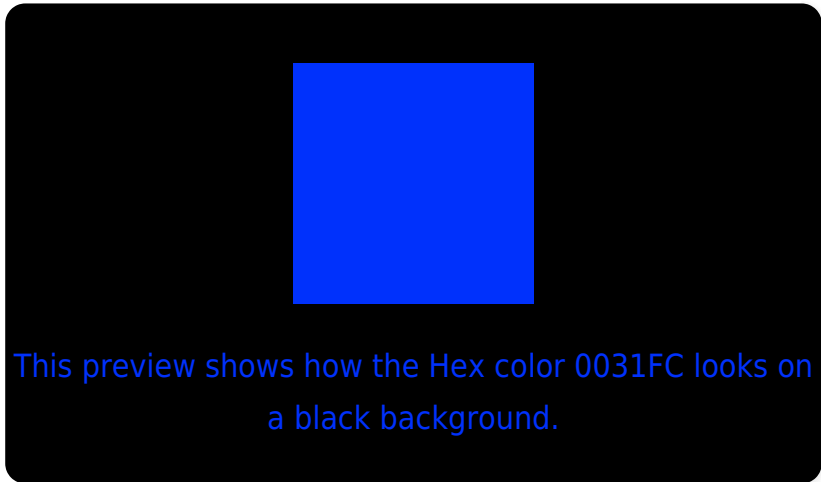
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black 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

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



## Hex 0031FC Background



This preview shows how black text looks on a background with the Hex color 0031FC.



This preview shows how white text looks on a background with the Hex color 0031FC.

# 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**  
0031FC

**Protanopia**  
0052AC

**Tritanopia**  
005E63

# Trichromacy



**Original Color**  
0031FC

**Protanomaly**  
0046C9

**Tritanomaly**  
004E9B

# Monochromacy



**Original Color**  
0031FC

**Achromatopsia**  
393939

**Achromatomaly**  
243680

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0031FC 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 #0031FC looks like.

```
.text, #text, p{  
    color:#0031FC  
}
```

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 #0031FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0031FC
}
```

## Border

The CSS property to change the border of an element to Hex 0031FC 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
#0031FC }
```

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

```
.border{ border-color:#0031FC }
```

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

Here you see how a box with a 4 pixel #0031FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0031FC; -webkit-box-shadow:4px 4px  
4px 4px #0031FC; box-shadow:4px 4px 4px  
4px #0031FC }
```

# Background

The CSS property to change the background color of an element to Hex 0031FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0031FC }
```

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

```
.background{ background-color:#0031FC }
```

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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