

Converting Colors

Hex(031BFF)

Have a look what the booklet for
Hex(031BFF) contains.

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Color

Hex(031BFF)

Conversions

Conversions Part 1

Format	Color
Hex	031BFF
RGB	3, 27, 255
RGB Percent	1%, 11%, 100%
CMY	0.9882, 0.8941, 0.0000
CMYK	0.99, 0.89, 0.00, 0.00
HSL	234°, 100%, 51%
HSV	234°, 99%, 100%
XYZ	18.4795, 8.0232, 95.1824
YIQ	45.8160, -87.4920, 65.8200

Conversions

Conversions Part 2

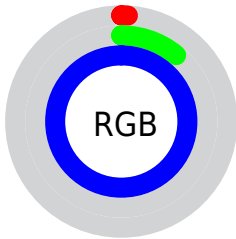
Format	Color
R _Y B	3, 25, 255
Decimal	203775
CIE Lab	34.03, 74.01, -104.97
CIE LCh	34, 128.438, 305.185
Yxy	8.0232, 0.1519, 0.0659
Android (android.graphics.Color)	4278393855 (0xFF031BFF)
YUV	45.8160, 103.1277, -37.5496
Hunter-Lab	28.3253, 66.8845, -179.4064

Details

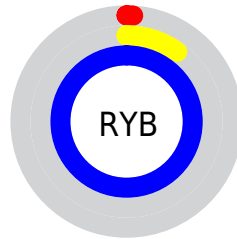
The Hex color **031BFF** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **FFE703**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **7953FF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **0018FF**, and if you desaturate by 10%, it is **1C32FF**.

Distribution



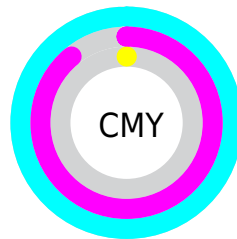
- Red (1%)
- Green (11%)
- Blue (100%)



- Red (1%)
- Yellow (10%)
- Blue (100%)



- Cyan (99%)
- Magenta (89%)
- Yellow (0%)
- Black (0%)



- Cyan (99%)
- Magenta (89%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Hex color 031BFF 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 031BFF by changing the saturation by 10% instead.

 031BFF

 031BFF

FFFFFF

 0000E1

 7953FF

 0000C4

 9C6EFF

 0000A8

 BE89FF

 00008C

 E0A4FF

 001072

 FFC1FF

 000C58

 FFDDFF

 000740

 FFFBFF

 000329

 000112

 031BFF

 031BFF

 0018FF

 1C32FF

 3649FF

 5060FF

 6977FF

 838EFF

 9CA5FF

 B5BCFF

 CFD4FF

 E9EBFF

Harmonies

Analogous

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



0061FF



031BFF



CA00A9

Triad

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



031BFF



A21200



006C61

Complementary

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



031BFF



FFE703

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.



006A00



031BFF



535400

Square

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



031BFF



D80000



006500



0071C8

Rectangle

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



031BFF



E90066



006500



006C3C

Sweetspot

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



031BFF



B3BAFF



03FFE6



525680



000000



808080

Same Dimension

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



031BFF



0018FF



6803FF



737480



0012BF



000640

Inverse Universe

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



FF031B



FF0018



9AFF03



807374



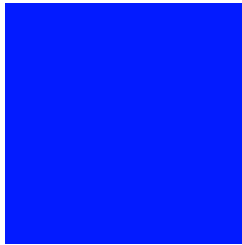
BF0012



400006

Previews

White Background



This preview shows how the Hex color 031BFF looks on a white background.

Color Contrast Check

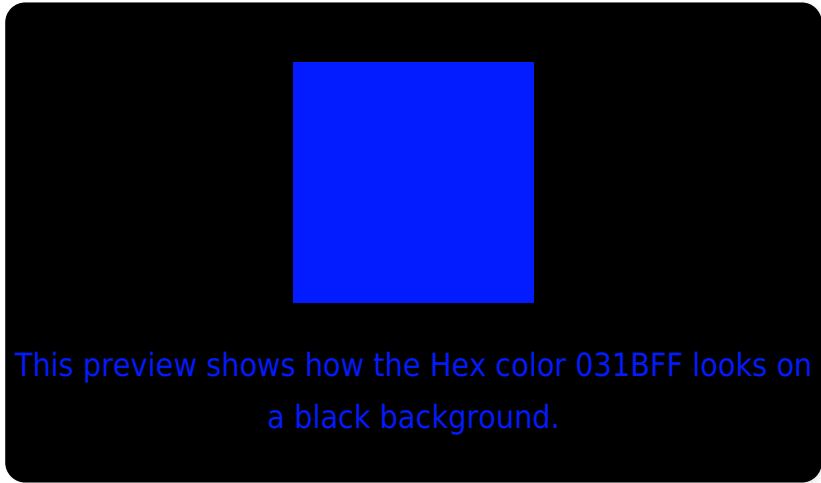
Large Text (above 18pt) WCAG AA ✓ Pass

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

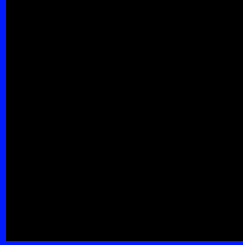
Any Text WCAG AA × Fail

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 031BFF Background



This preview shows how black text looks on a background with the Hex color 031BFF.



This preview shows how white text looks on a background with the Hex color 031BFF.

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
031BFF

Protanopia
004DA1

Deuteranopia
005288



Tritanopia
00585C

Trichromacy



Original Color
031BFF

Protanomaly
013BC3

Deuteranomaly
013EB3

Tritanomaly
014297

Monochromacy



Original Color
031BFF

Achromatopsia
2E2E2E

Achromatomaly
1E277A

CSS Examples

Text

The CSS property to change the color of the text to Hex 031BFF 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 #031BFF looks like.

```
.text, #text, p{  
    color:#031BFF  
}
```

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 #031BFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #031BFF
}
```

Border

The CSS property to change the border of an element to Hex 031BFF 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
#031BFF }
```

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

```
.border{ border-color:#031BFF }
```

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

Here you see how a box with a 4 pixel #031BFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #031BFF; -webkit-box-shadow:4px 4px  
4px 4px #031BFF; box-shadow:4px 4px 4px  
4px #031BFF }
```

Background

The CSS property to change the background color of an element to Hex 031BFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#031BFF }
```

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

```
.background{ background-color:#031BFF }
```

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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