

Converting Colors

Hex(051BFA)

Have a look what the booklet for
Hex(051BFA) contains.

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Color

Hex(051BFA)

Conversions

Conversions Part 1

Format	Color
Hex	051BFA
RGB	5, 27, 250
RGB Percent	2%, 11%, 98%
CMY	0.9804, 0.8941, 0.0196
CMYK	0.98, 0.89, 0.00, 0.02
HSL	235°, 96%, 50%
HSV	235°, 98%, 98%
XYZ	17.7098, 7.7183, 90.9988
YIQ	45.8440, -84.6950, 64.6890

Conversions

Conversions Part 2

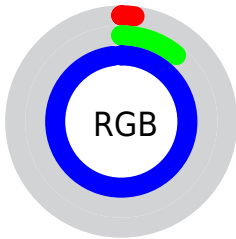
Format	Color
RYB	5, 25, 250
Decimal	334842
CIELab	33.39, 72.70, -103.24
CIElCh	33, 126.263, 305.153
Yxy	7.7183, 0.1521, 0.0663
Android (android.graphics.Color)	4278524922 (0xFF051BFA)
YUV	45.8440, 100.6489, -35.8202
Hunter-Lab	27.7818, 65.1691, -174.7565

Details

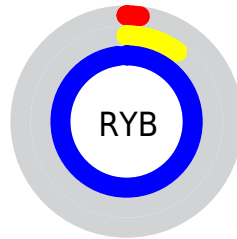
The Hex color **051BFA** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **FAE405**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **7752FF**, and **0000C0** is the 20% darker color. If you saturate the color by 10%, you get **0016FA**, and if you desaturate by 10%, it is **1E32FA**.

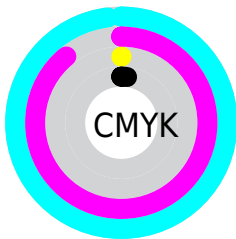
Distribution



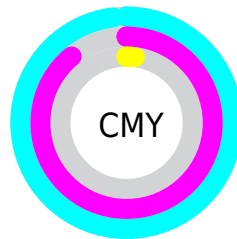
- Red (2%)
- Green (11%)
- Blue (98%)



- Red (2%)
- Yellow (10%)
- Blue (98%)



- Cyan (98%)
- Magenta (89%)
- Yellow (0%)
- Black (2%)



- Cyan (98%)
- Magenta (89%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 051BFA 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 051BFA by changing the saturation by 10% instead.

051BFA

051BFA

FFFFFF

0000DC

7752FF

0000C0

9B6DFF

0000A3

BD88FF

000088

DEA4FF

00116D

FEC0FF

000B54

FFDDFF

00063C

FFFAFF

000225

00010D

■ 051BFA

■ 051BFA

■ 0016FA

■ 1E32FA

■ 3749FA

■ 505FFA

■ 6976FA

■ 828DFA

■ 9BA4FA

■ B4BAFA

■ CDD1FA

■ E6E8FA

Harmonies

Analogous

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



005FFF



051BFA



C600A6

Triad

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



051BFA



9F1200



006A5F

Complementary

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



051BFA



FAE405

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.



006800



051BFA



515200

Square

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



051BFA



D40000



006300



006EC4

Rectangle

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



051BFA



E40064



006300



006A3B

Sweetspot

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



051BFA



B5BCFF



05FAE1



535780



000000



808080

Same Dimension

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



051BFA



0017FF



6705FA



70727D



0011BD



00053D

Inverse Universe

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



FA051B



FF0017



98FA05



7D7072



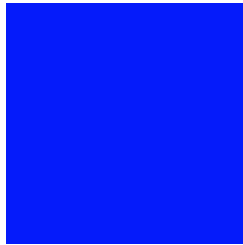
BD0011



3D0005

Previews

White Background



This preview shows how the Hex color 051BFA looks on a white background.

Color Contrast Check

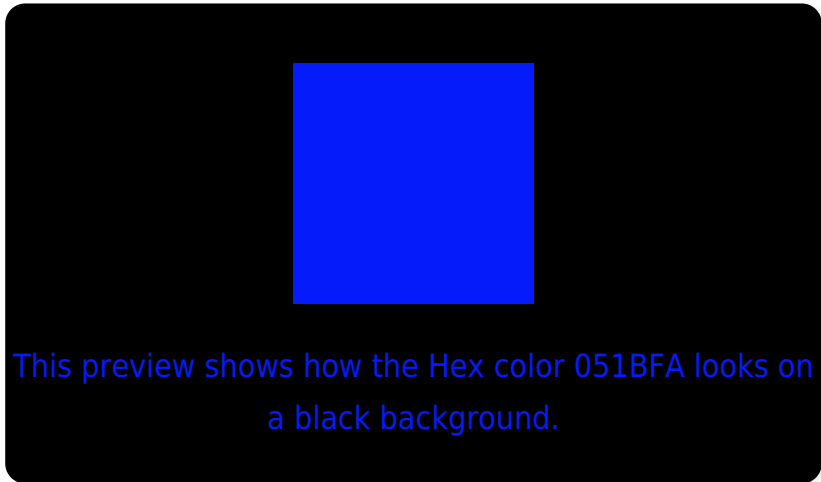
Large Text (above 18pt) WCAG AA ✓ Pass

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 051BFA Background



This preview shows how black text looks on a background with the Hex color 051BFA.



This preview shows how white text looks on a background with the Hex color 051BFA.

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
051BFA

Protanopia
004B9E

Deuteranopia
005186



Tritanopia
00575B

Trichromacy



Original Color
051BFA

Protanomaly
023ABF

Deuteranomaly
023DB0

Tritanomaly
024195

Monochromacy



Original Color
051BFA

Achromatopsia
2E2E2E

Achromatomaly
1F2778

CSS Examples

Text

The CSS property to change the color of the text to Hex 051BFA 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 #051BFA looks like.

```
.text, #text, p{  
    color:#051BFA  
}
```

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 #051BFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #051BFA
}
```

Border

The CSS property to change the border of an element to Hex 051BFA 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
#051BFA }
```

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

```
.border{ border-color:#051BFA }
```

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

Here you see how a box with a 4 pixel #051BFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #051BFA; -webkit-box-shadow:4px 4px  
4px 4px #051BFA; box-shadow:4px 4px 4px  
4px #051BFA }
```

Background

The CSS property to change the background color of an element to Hex 051BFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#051BFA }
```

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

```
.background{ background-color:#051BFA }
```

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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