

Converting Colors

Hex(001BF7)

Have a look what the booklet for
Hex(001BF7) contains.

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Color

Hex(001BF7)

Conversions

Conversions Part 1

Format	Color
Hex	001BF7
RGB	0, 27, 247
RGB Percent	0%, 11%, 97%
CMY	1.0000, 0.8941, 0.0314
CMYK	1.00, 0.89, 0.00, 0.03
HSL	233°, 100%, 48%
HSV	233°, 100%, 97%
XYZ	17.1804, 7.4993, 88.5377
YIQ	44.0070, -86.7120, 62.6960

Conversions

Conversions Part 2

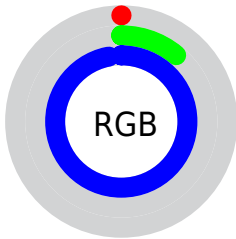
Format	Color
RYB	0, 24, 247
Decimal	7159
CIELab	32.92, 71.85, -102.33
CIELCh	33, 125.042, 305.075
Yxy	7.4993, 0.1517, 0.0662
Android (android.graphics.Color)	4278197239 (0xFF001BF7)
YUV	44.0070, 100.0755, -38.5941
Hunter-Lab	27.3848, 64.0624, -172.5210

Details

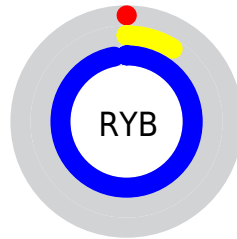
The Hex color **001BF7** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **F7DC00**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **7652FF**, and **0000BD** is the 20% darker color. If you saturate the color by 10%, you get **001BF7**, and if you desaturate by 10%, it is **1931F7**.

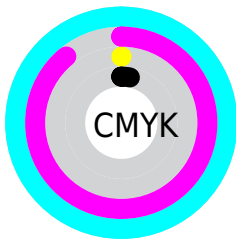
Distribution



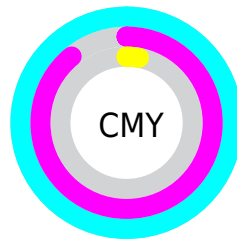
- Red (0%)
- Green (11%)
- Blue (97%)



- Red (0%)
- Yellow (9%)
- Blue (97%)



- Cyan (100%)
- Magenta (89%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (89%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001BF7 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 001BF7 by changing the saturation by 10% instead.

001BF7

001BF7

FFFFFF

0000DA

7652FF

0000BD

996DFF

0000A1

BB88FF

000085

DCA3FF

00116B

FDBFFF

000B51

FFDCFF

000539


FFF9FF

000223

00000A

 001BF7

 1931F7

 3147F7

 4A5DF7

 6373F7

 7C89F7

 949FF7

 ADB5F7

 C6CBF7

 DEE1F7

Harmonies

Analogous

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



005EFF



001BF7



C400A4

Triad

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



001BF7



9D1100



00695D

Complementary

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



001BF7



F7DC00

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.



006600



001BF7



505100

Square

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



001BF7



D20000



006200



006DC1

Rectangle

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



001BF7



E10063



006200



00683A

Sweetspot

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



001BF7



B3BBFF



00F7DA



525780



000000



808080

Same Dimension

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



001BF7



001CFF



5F00F7



6E6F7A



0014BA



00063B

Inverse Universe

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



F7001B



FF001C



98F700



7A6E6F



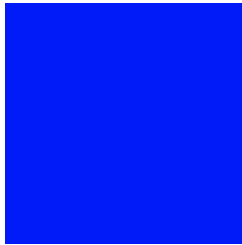
BA0014



3B0006

Previews

White Background



This preview shows how the Hex color 001BF7 looks on a white background.

Color Contrast Check

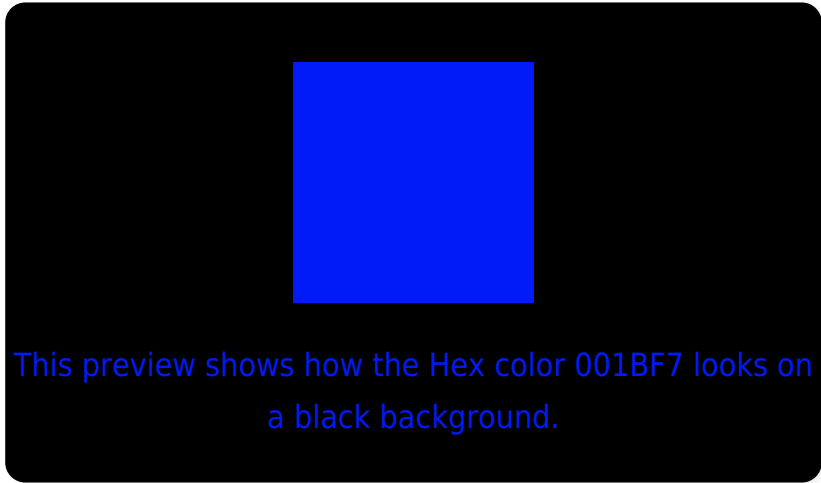
Large Text (above 18pt) WCAG AA ✓ Pass

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 001BF7 Background



This preview shows how black text looks on a background with the Hex color 001BF7.



This preview shows how white text looks on a background with the Hex color 001BF7.

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
001BF7

Protanopia
004B9C

Deuteranopia
005084

Trichromacy



Original Color
001BF7

Protanomaly
003ABD

Deuteranomaly
003DAE

Monochromacy



Original Color
001BF7

Achromatopsia
2C2C2C

Achromatomaly
1C2676

CSS Examples

Text

The CSS property to change the color of the text to Hex 001BF7 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 #001BF7 looks like.

```
.text, #text, p{  
    color:#001BF7  
}
```

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 #001BF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001BF7
}
```

Border

The CSS property to change the border of an element to Hex 001BF7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

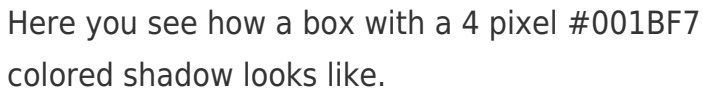
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#001BF7 }
```

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

```
.border{ border-color:#001BF7 }
```

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



Here you see how a box with a 4 pixel #001BF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001BF7; -webkit-box-shadow:4px 4px  
4px 4px #001BF7; box-shadow:4px 4px 4px  
4px #001BF7 }
```

Background

The CSS property to change the background color of an element to Hex 001BF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001BF7 }
```

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

```
.background{ background-color:#001BF7 }
```

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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