

Converting Colors

Hex(001BDB)

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

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Color

Hex(001BDB)

Conversions

Conversions Part 1

Format	Color
Hex	001BDB
RGB	0, 27, 219
RGB Percent	0%, 11%, 86%
CMY	1.0000, 0.8941, 0.1412
CMYK	1.00, 0.88, 0.00, 0.14
HSL	233°, 100%, 43%
HSV	233°, 100%, 86%
XYZ	13.1781, 5.8983, 67.4618
YIQ	40.8150, -77.7240, 53.9880

Conversions

Conversions Part 2

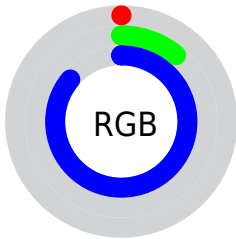
Format	Color
RYB	0, 24, 219
Decimal	7131
CIELab	29.15, 64.15, -92.65
CIELCh	29, 112.693, 304.701
Yxy	5.8983, 0.1523, 0.0682
Android (android.graphics.Color)	4278197211 (0xFF001BDB)
YUV	40.8150, 87.8452, -35.7948
Hunter-Lab	24.2865, 54.3547, -147.6921

Details

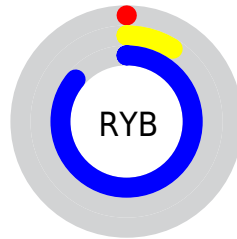
The Hex color **001BDB** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **DBC000**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **6E4FFF**, and **0000A2** is the 20% darker color. If you saturate the color by 10%, you get **001BDB**, and if you desaturate by 10%, it is **162EDB**.

Distribution



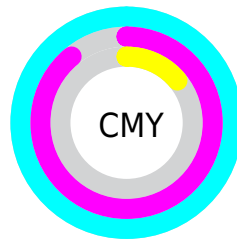
- Red (0%)
- Green (11%)
- Blue (86%)



- Red (0%)
- Yellow (9%)
- Blue (86%)



- Cyan (100%)
- Magenta (88%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (89%)
- Yellow (14%)

Brightness & Saturation Gradients

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

 001BDB

 001BDB

FFFFFF

 0000BE

 6E4FFF

 0000A2

 9069FF

 000087

 B084FF

 00066C


 D09FFF

 000B53

 F0BAFF

 00063B

 FFD7FF

 000224

 FFF4FF

 00000C

 000000

 001BDB

 162EDB

 2C41DB

 4255DB

 5868DB

 6E7BDB

 838EDB

 99A1DB

 AFB5DB

 C5C8DB

Harmonies

Analogous

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



0053FD



001BDB



AD0092

Triad

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



001BDB



8C1000



005E51

Complementary

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



001BDB



DBC000

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.



005B00



001BDB



494700

Square

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



001BDB



BA0000



005700



0061AA

Rectangle

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



001BDB



C80059



005700



005D32

Sweetspot

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



001BDB



B3BCFF



00DBBE



525780



000000



808080

Same Dimension

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



001BDB



001FFF



5000DB



63646E



0015AD



00062E

Inverse Universe

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



DB001B



FF001F



8BDB00



6E6364



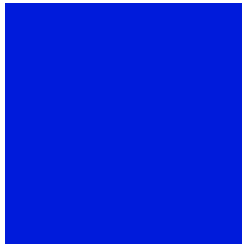
AD0015



2E0006

Previews

White Background



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

Color Contrast Check

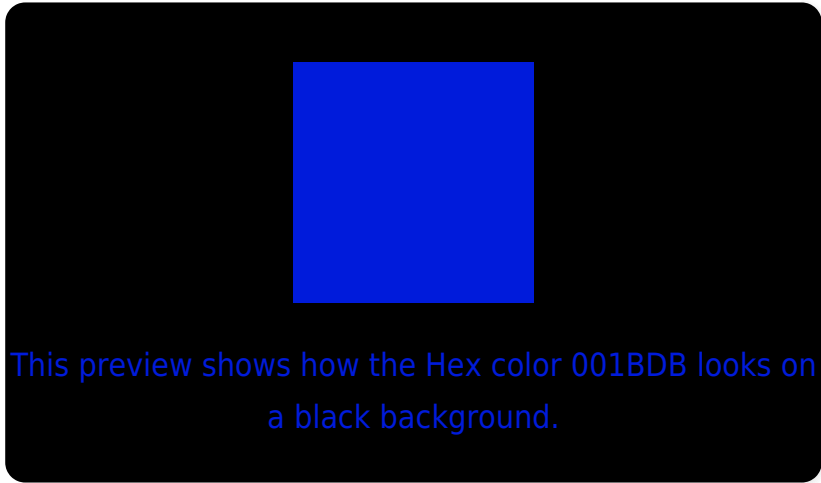
Large Text (above 18pt) WCAG AA ✓ Pass

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

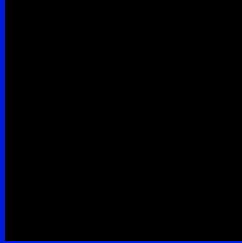
Any Text WCAG AA × Fail

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 001BDB Background



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



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

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
001BDB

Deuteranopia
004777

Tritanopia
004D50

Trichromacy



Original Color
001BDB

Deuteranomaly
00379B

Tritanomaly
003B83

Monochromacy



Original Color
001BDB

Achromatopsia
292929

Achromatomaly
1A246A

CSS Examples

Text

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

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

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 #001BDB colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 001BDB 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
#001BDB }
```

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

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

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

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

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

Background

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

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

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

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

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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