

Converting Colors

Hex(0B01BF)

Have a look what the booklet for
Hex(0B01BF) contains.

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Color

Hex(0B01BF)

Conversions

Conversions Part 1

Format	Color
Hex	0B01BF
RGB	11, 1, 191
RGB Percent	4%, 0%, 75%
CMY	0.9569, 0.9961, 0.2510
CMYK	0.94, 0.99, 0.00, 0.25
HSL	243°, 99%, 38%
HSV	243°, 99%, 75%
XYZ	9.5528, 3.8544, 49.5307
YIQ	25.6500, -55.0300, 61.2100

Conversions

Conversions Part 2

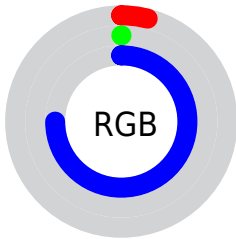
Format	Color
R_{YB}	11, 1, 191
Decimal	721343
CIE _{Lab}	23.18, 63.57, -86.26
CIE _{LCh}	23, 107.153, 306.391
Yxy	3.8544, 0.1518, 0.0612
Android (android.graphics.Color)	4278911423 (0xFF0B01BF)
YUV	25.6500, 81.5175, -12.8480
Hunter-Lab	19.6327, 52.4967, -135.8376

Details

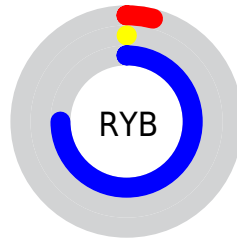
The Hex color **0B01BF** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **B5BF01**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **693EF9**, and **000088** is the 20% darker color. If you saturate the color by 10%, you get **0A00BF**, and if you desaturate by 10%, it is **1D14BF**.

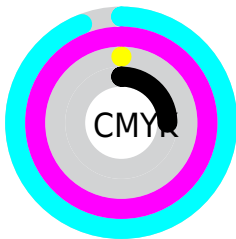
Distribution



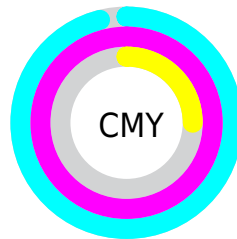
- Red (4%)
- Green (0%)
- Blue (75%)



- Red (4%)
- Yellow (0%)
- Blue (75%)



- Cyan (94%)
- Magenta (99%)
- Yellow (0%)
- Black (25%)



- Cyan (96%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B01BF 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 0B01BF by changing the saturation by 10% instead.

0B01BF

0B01BF

FFFFFF

0000A3

693EF9

000088

8958FF

00006D

A973FF

000B54

C88DFF

00063C

E7A9FF

000225

FFC5FF

00010D

FFE2FF

000000

0B01BF

0B01BF

■ 0A00BF

■ 1D14BF

■ 2F27BF

■ 413ABF

■ 534DBF

■ 6561BF

■ 7874BF

■ 8A87BF

■ 9C9ABF

■ AEADBFB

Harmonies

Analogous

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



0044E1



0B01BF



99007A

Triad

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



0B01BF



740800



004D48

Complementary

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



0B01BF



B5BF01

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.



004C00



0B01BF



353B00

Square

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



0B01BF



A00000



004700



005199

Rectangle

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



0B01BF



AF0045



004700



004D2B

Sweetspot

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



0B01BF



B1ADF7



01B6BF



52507D



FCFCFC



7D7D7D

Same Dimension

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



0B01BF



0D00F7



6901BF



55555E



08009E



02001F

Inverse Universe

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



BF01B5



F700EA



56BF01



5E555E



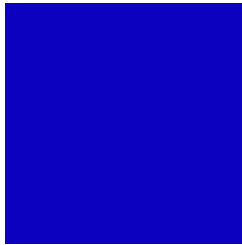
9E0096



1F001D

Previews

White Background



This preview shows how the Hex color 0B01BF looks on a white background.

Color Contrast Check

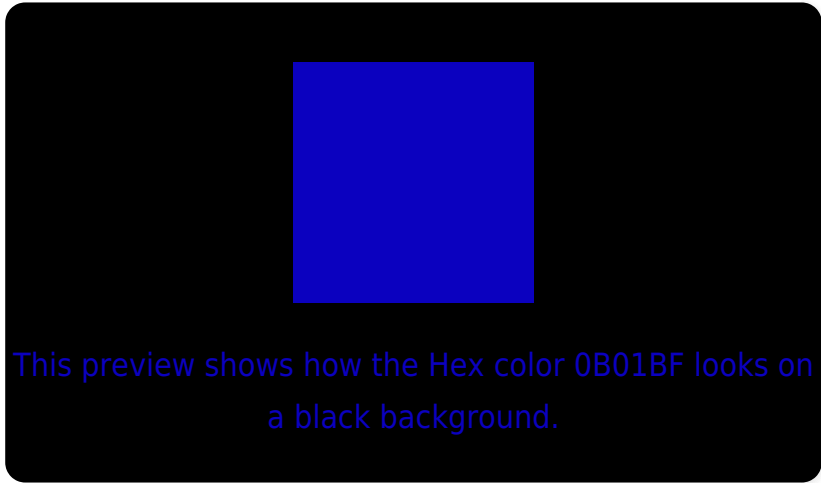
Large Text (above 18pt) WCAG AA ✓ Pass

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

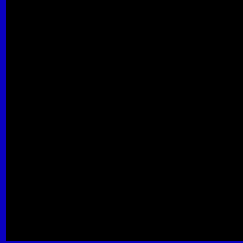
Any Text WCAG AA × Fail

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 0B01BF Background



This preview shows how black text looks on a background with the Hex color 0B01BF.



This preview shows how white text looks on a background with the Hex color 0B01BF.

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
0B01BF

Protanopia
003875

Deuteranopia
003C63



Tritanopia
004043

Trichromacy



Original Color
0B01BF

Protanomaly
042490

Deuteranomaly
042784

Tritanomaly
042970

Monochromacy



Original Color
0B01BF

Achromatopsia
1A1A1A

Achromatomaly
151156

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B01BF 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 #0B01BF looks like.

```
.text, #text, p{  
    color:#0B01BF  
}
```

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 #0B01BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B01BF
}
```

Border

The CSS property to change the border of an element to Hex 0B01BF 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
#0B01BF }
```

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

```
.border{ border-color:#0B01BF }
```

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

Here you see how a box with a 4 pixel #0B01BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B01BF; -webkit-box-shadow:4px 4px  
4px 4px #0B01BF; box-shadow:4px 4px 4px  
4px #0B01BF }
```

Background

The CSS property to change the background color of an element to Hex 0B01BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B01BF }
```

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

```
.background{ background-color:#0B01BF }
```

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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