

Converting Colors

Hex(0B0BD3)

Have a look what the booklet for
Hex(0B0BD3) contains.

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Color

Hex(0B0BD3)

Conversions

Conversions Part 1

Format	Color
Hex	0B0BD3
RGB	11, 11, 211
RGB Percent	4%, 4%, 83%
CMY	0.9569, 0.9569, 0.1725
CMYK	0.95, 0.95, 0.00, 0.17
HSL	240°, 90%, 44%
HSV	240°, 95%, 83%
XYZ	12.0156, 5.0136, 61.9625
YIQ	33.8000, -64.2000, 62.2000

Conversions

Conversions Part 2

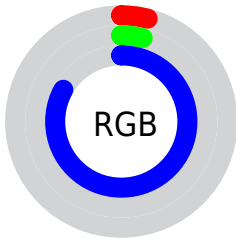
Format	Color
RYB	11, 11, 211
Decimal	723923
CIELab	26.77, 66.57, -91.99
CIElCh	27, 113.551, 305.893
Yxy	5.0136, 0.1521, 0.0635
Android (android.graphics.Color)	4278914003 (0xFF0B0BD3)
YUV	33.8000, 87.3596, -19.9956
Hunter-Lab	22.3912, 56.6022, -148.3978

Details

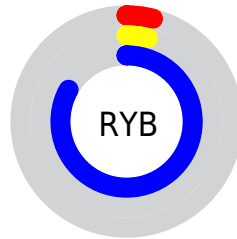
The Hex color **0B0BD3** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **D3D30B**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **6E45FF**, and **00009B** is the 20% darker color. If you saturate the color by 10%, you get **0000D3**, and if you desaturate by 10%, it is **2020D3**.

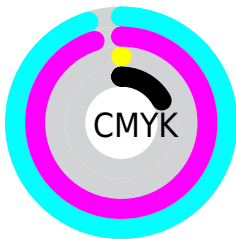
Distribution



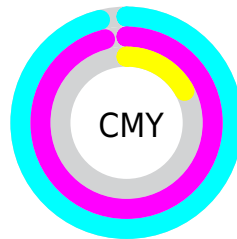
- Red (4%)
- Green (4%)
- Blue (83%)



- Red (4%)
- Yellow (4%)
- Blue (83%)



- Cyan (95%)
- Magenta (95%)
- Yellow (0%)
- Black (17%)



- Cyan (96%)
- Magenta (96%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B0BD3 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 0B0BD3 by changing the saturation by 10% instead.

0B0BD3

0B0BD3

FFFFFF

0000B6

6E45FF

00009B

9060FF

00007F

B07AFF

000965

D095FF

00094C

F0B1FF

000434

FFCDFF

00021E

FFE AFF

000001

000000

■ 0B0BD3

■ 0B0BD3

■ 0000D3

■ 2020D3

■ 3535D3

■ 4A4AD3

■ 5F5FD3

■ 7474D3

■ 8A8AD3

■ 9F9FD3

■ B4B4D3

■ C9C9D3

Harmonies

Analogous

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



004EF7



0B0BD3



A80089

Triad

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



0B0BD3



830C00



005850

Complementary

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



0B0BD3



D3D30B

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.



005500



0B0BD3



3F4300

Square

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



0B0BD3



B20000



005100



005BA7

Rectangle

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



0B0BD3



C10050



005100



005731

Sweetspot

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



0B0BD3



B8B8FF



0BD3D3



545480



000000



808080

Same Dimension

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



0B0BD3



0000FF



6F0BD3



5E5E69



0000A8



000029

Inverse Universe

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



D30BD3



FF00FF



6FD30B



695E69



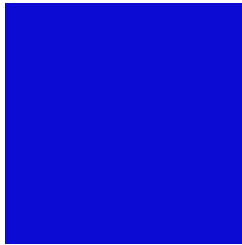
A800A8



290029

Previews

White Background



This preview shows how the Hex color 0B0BD3 looks on a white background.

Color Contrast Check

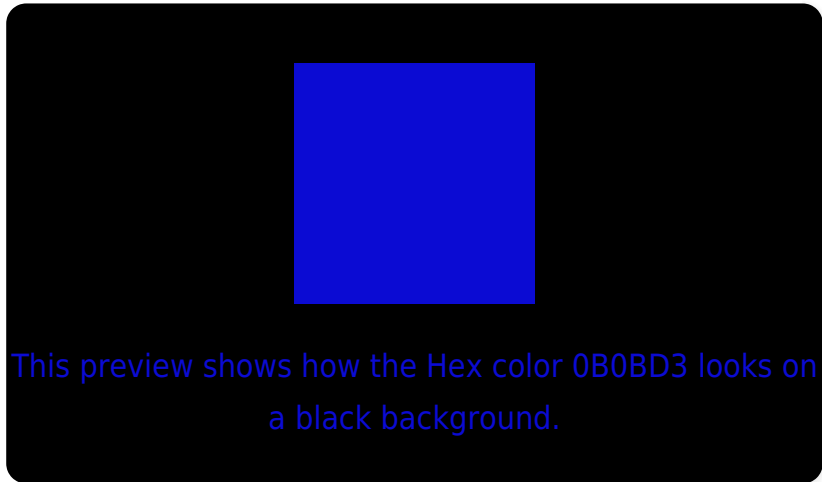
Large Text (above 18pt) WCAG AA ✓ Pass

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

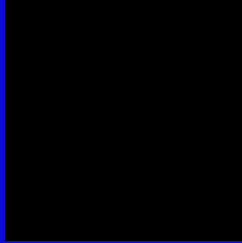
Any Text WCAG AA × Fail

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 0B0BD3 Background



This preview shows how black text looks on a background with the Hex color 0B0BD3.



This preview shows how white text looks on a background with the Hex color 0B0BD3.

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
0B0BD3

Protanopia
003E82

Deuteranopia
00426E



Tritanopia
00484B

Trichromacy



Original Color
0B0BD3

Protanomaly
042B9F

Deuteranomaly
042E93

Tritanomaly
04327C

Monochromacy



Original Color
0B0BD3

Achromatopsia
222222

Achromatomaly
1A1A62

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B0BD3 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 #0B0BD3 looks like.

```
.text, #text, p{  
    color:#0B0BD3  
}
```

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 #0B0BD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B0BD3
}
```

Border

The CSS property to change the border of an element to Hex 0B0BD3 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
#0B0BD3 }
```

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

```
.border{ border-color:#0B0BD3 }
```

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

Here you see how a box with a 4 pixel #0B0BD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B0BD3; -webkit-box-shadow:4px 4px  
4px 4px #0B0BD3; box-shadow:4px 4px 4px  
4px #0B0BD3 }
```

Background

The CSS property to change the background color of an element to Hex 0B0BD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B0BD3 }
```

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

```
.background{ background-color:#0B0BD3 }
```

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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