

Converting Colors

Hex(0B1BCA)

Have a look what the booklet for
Hex(0B1BCA) contains.

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Color

Hex(0B1BCA)

Conversions

Conversions Part 1

Format	Color
Hex	0B1BCA
RGB	11, 27, 202
RGB Percent	4%, 11%, 79%
CMY	0.9569, 0.8941, 0.2078
CMYK	0.95, 0.87, 0.00, 0.21
HSL	235°, 90%, 42%
HSV	235°, 95%, 79%
XYZ	11.1906, 5.1193, 56.2754
YIQ	42.1660, -65.7110, 51.0330

Conversions

Conversions Part 2

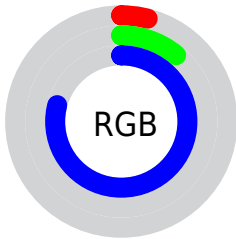
Format	Color
RYB	11, 26, 202
Decimal	728010
CIELab	27.07, 59.41, -86.24
CIELCh	27, 104.722, 304.561
Yxy	5.1193, 0.1542, 0.0705
Android (android.graphics.Color)	4278918090 (0xFF0B1BCA)
YUV	42.1660, 78.7982, -27.3326
Hunter-Lab	22.6258, 48.6899, -131.6292

Details

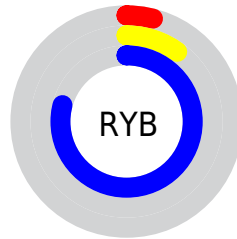
The Hex color **0B1BCA** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **CABA0B**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **6B4EFF**, and **000092** is the 20% darker color. If you saturate the color by 10%, you get **0011CA**, and if you desaturate by 10%, it is **1F2ECA**.

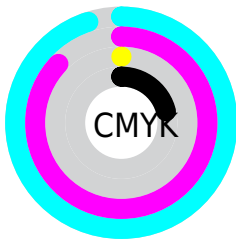
Distribution



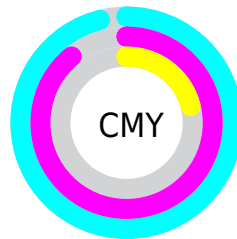
- Red (4%)
- Green (11%)
- Blue (79%)



- Red (4%)
- Yellow (10%)
- Blue (79%)



- Cyan (95%)
- Magenta (87%)
- Yellow (0%)
- Black (21%)



- Cyan (96%)
- Magenta (89%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B1BCA 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 0B1BCA by changing the saturation by 10% instead.

 0B1BCA

 0B1BCA

FFFFFF

 0000AE

 6B4EFF

 000092

 8B67FF

 000077

 AB81FF

 000B5D

 CB9CFF

 000845

 EAB8FF

 00032D

 FFD4FF

 000118

 FFF1FF

 000000

 0B1BCA

 0B1BCA

■ 0011CA

■ 1F2ECA

■ 3340CA

■ 4853CA

■ 5C65CA

■ 7078CA

■ 848ACA

■ 989DCA

■ ADAFCA

■ C1C2CA

Harmonies

Analogous

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



004DE9



0B1BCA



9F0087

Triad

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



0B1BCA



821100



00574B

Complementary

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



0B1BCA



CABA0B

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



0B1BCA



454200

Square

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



0B1BCA



AD0000



005000



005A9C

Rectangle

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



0B1BCA



B80053



005000



00572F

Sweetspot

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



0B1BCA



B8BEFF



0BCAB7



545880



000000



808080

Same Dimension

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



0B1BCA



0015FF



570BCA



5C5D66



000EA6



000326

Inverse Universe

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



CA0B1B



FF0015



7ECA0B



665C5D



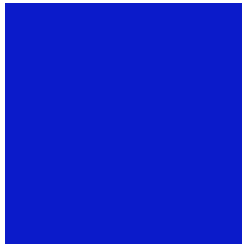
A6000E



260003

Previews

White Background



This preview shows how the Hex color 0B1BCA looks on a white background.

Color Contrast Check

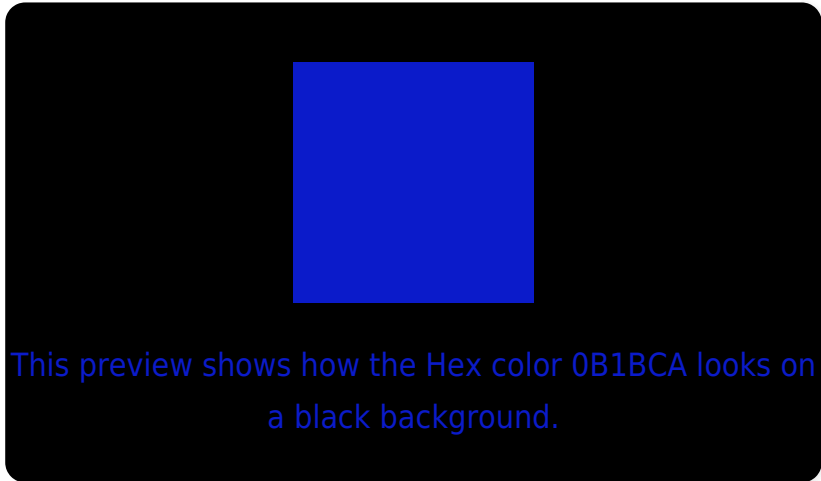
Large Text (above 18pt) WCAG AA ✓ Pass

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

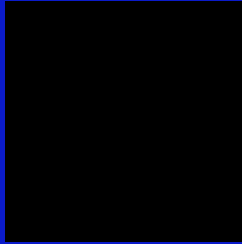
Any Text WCAG AA × Fail

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 0B1BCA Background



This preview shows how black text looks on a background with the Hex color 0B1BCA.



This preview shows how white text looks on a background with the Hex color 0B1BCA.

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](#).

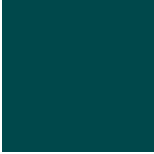
Dichromacy



Original Color
0B1BCA

Protanopia
003E82

Deuteranopia
00426F



Tritanopia
00484B

Trichromacy



Original Color
0B1BCA

Protanomaly
04319C

Deuteranomaly
043490

Tritanomaly
043879

Monochromacy



Original Color
0B1BCA

Achromatopsia
2A2A2A

Achromatomaly
1F2564

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B1BCA 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 #0B1BCA looks like.

```
.text, #text, p{  
    color:#0B1BCA  
}
```

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 #0B1BCA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B1BCA
}
```

Border

The CSS property to change the border of an element to Hex 0B1BCA 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
#0B1BCA }
```

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

```
.border{ border-color:#0B1BCA }
```

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

Here you see how a box with a 4 pixel #0B1BCA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B1BCA; -webkit-box-shadow:4px 4px  
4px 4px #0B1BCA; box-shadow:4px 4px 4px  
4px #0B1BCA }
```

Background

The CSS property to change the background color of an element to Hex 0B1BCA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B1BCA }
```

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

```
.background{ background-color:#0B1BCA }
```

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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