

Converting Colors

Hex(0B2AC1)

Have a look what the booklet for
Hex(0B2AC1) contains.

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Color

Hex(0B2AC1)

Conversions

Conversions Part 1

Format	Color
Hex	0B2AC1
RGB	11, 42, 193
RGB Percent	4%, 16%, 76%
CMY	0.9569, 0.8353, 0.2431
CMYK	0.94, 0.78, 0.00, 0.24
HSL	230°, 89%, 40%
HSV	230°, 94%, 76%
XYZ	10.5916, 5.5773, 50.9704
YIQ	49.9450, -66.9470, 40.3890

Conversions

Conversions Part 2

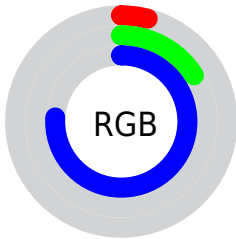
Format	Color
R_{YB}	11, 37, 193
Decimal	731841
CIE _{Lab}	28.32, 49.57, -78.88
CIE _{LCh}	28, 93.163, 302.149
Yxy	5.5773, 0.1578, 0.0831
Android (android.graphics.Color)	4278921921 (0xFF0B2AC1)
YUV	49.9450, 70.5261, -34.1548
Hunter-Lab	23.6164, 38.7261, -111.4320

Details

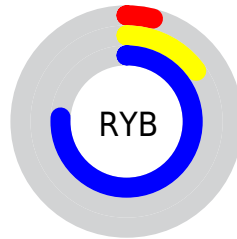
The Hex color **0B2AC1** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **C1A20B**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **675AFB**, and **00008A** is the 20% darker color. If you saturate the color by 10%, you get **0021C1**, and if you desaturate by 10%, it is **1E3AC1**.

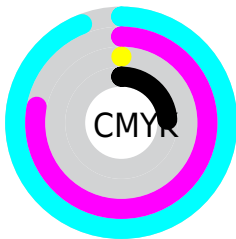
Distribution



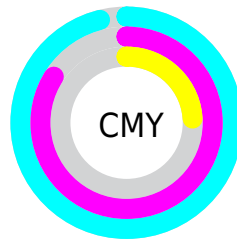
- Red (4%)
- Green (16%)
- Blue (76%)



- Red (4%)
- Yellow (15%)
- Blue (76%)



- Cyan (94%)
- Magenta (78%)
- Yellow (0%)
- Black (24%)



- Cyan (96%)
- Magenta (84%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B2AC1 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 0B2AC1 by changing the saturation by 10% instead.

■ 0B2AC1

■ 0B2AC1

FFFFFF

■ 0013A5

■ 675AFB

■ 00008A

■ 8773FF

■ 00006F

■ A68DFF

■ 000C56

■ C5A7FF

■ 00063E

■ E4C3FF

■ 000327

■ FFDFFF

■ 000110

■ FFFCFF

■ 000000

■ 0B2AC1

■ 0B2AC1

■ 0021C1

■ 1E3AC1

■ 324AC1

■ 455AC1

■ 586AC1

■ 6B7AC1

■ 7F8AC1

■ 929AC1

■ A5AAC1

■ B9BAC1

Harmonies

Analogous

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



004FD9



0B2AC1



950088

Triad

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



0B2AC1



841900



005947

Complementary

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



0B2AC1



C1A20B

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.



005700



0B2AC1



4E4300

Square

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



0B2AC1



A90000



005200



005B90

Rectangle

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



0B2AC1



AF0059



005200



00592D

Sweetspot

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



0B2AC1



B4C0FA



0BC1A0



525A7D



FCFCFC



7D7D7D

Same Dimension

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



0B2AC1



002BFA



450BC1



575961



001BA1



000621

Inverse Universe

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



C10B2A



FA002B



87C10B



615759



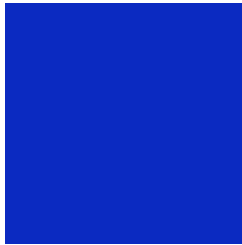
A1001B



210006

Previews

White Background



This preview shows how the Hex color 0B2AC1 looks on a white background.

Color Contrast Check

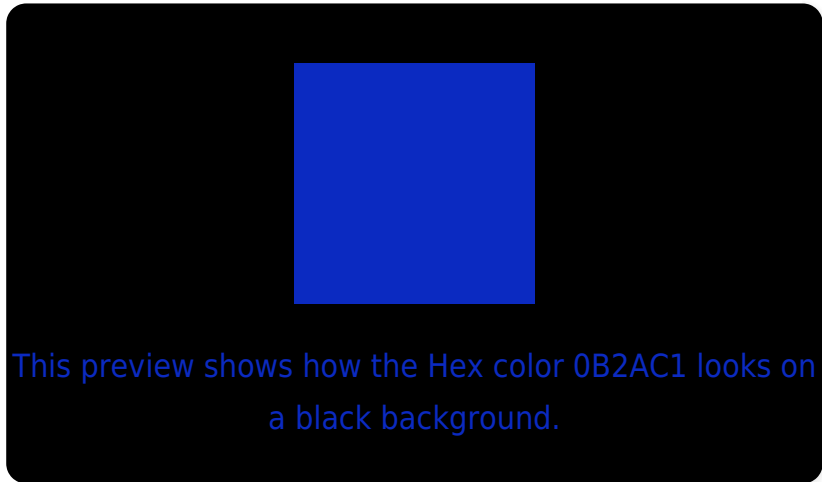
Large Text (above 18pt) WCAG AA ✓ Pass

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

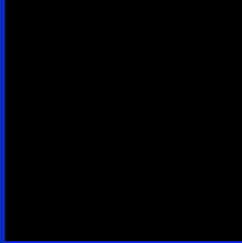
Any Text WCAG AA × Fail

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 0B2AC1 Background



This preview shows how black text looks on a background with the Hex color 0B2AC1.



This preview shows how white text looks on a background with the Hex color 0B2AC1.

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





Tritanopia
004A4E

Trichromacy



Original Color
0B2AC1

Protanomaly
04399D

Deuteranomaly
043B8F

Tritanomaly
043E78

Monochromacy



Original Color
0B2AC1

Achromatopsia
323232

Achromatomaly
242F66

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B2AC1 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 #0B2AC1 looks like.

```
.text, #text, p{  
    color:#0B2AC1  
}
```

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 #0B2AC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B2AC1
}
```

Border

The CSS property to change the border of an element to Hex 0B2AC1 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
#0B2AC1 }
```

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

```
.border{ border-color:#0B2AC1 }
```

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

Here you see how a box with a 4 pixel #0B2AC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B2AC1; -webkit-box-shadow:4px 4px  
4px 4px #0B2AC1; box-shadow:4px 4px 4px  
4px #0B2AC1 }
```

Background

The CSS property to change the background color of an element to Hex 0B2AC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B2AC1 }
```

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

```
.background{ background-color:#0B2AC1 }
```

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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