

Converting Colors

Hex(0B0DC1)

Have a look what the booklet for
Hex(0B0DC1) contains.

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Color

Hex(0B0DC1)

Conversions

Conversions Part 1

Format	Color
Hex	0B0DC1
RGB	11, 13, 193
RGB Percent	4%, 5%, 76%
CMY	0.9569, 0.9490, 0.2431
CMYK	0.94, 0.93, 0.00, 0.24
HSL	239°, 89%, 40%
HSV	239°, 94%, 76%
XYZ	9.9076, 4.2093, 50.7424
YIQ	32.9220, -58.9720, 55.5560

Conversions

Conversions Part 2

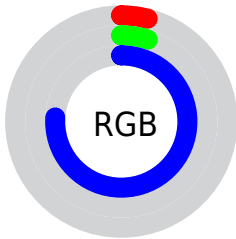
Format	Color
RYB	11, 13, 193
Decimal	724417
CIELab	24.35, 61.38, -85.49
CIELCh	24, 105.244, 305.680
Yxy	4.2093, 0.1528, 0.0649
Android (android.graphics.Color)	4278914497 (0xFF0B0DC1)
YUV	32.9220, 78.9185, -19.2256
Hunter-Lab	20.5165, 50.2954, -132.2775

Details

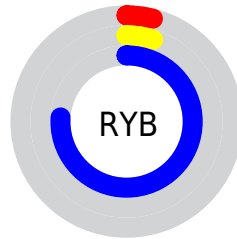
The Hex color **0B0DC1** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **C1BF0B**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **6944FB**, and **00008A** is the 20% darker color. If you saturate the color by 10%, you get **0002C1**, and if you desaturate by 10%, it is **1E20C1**.

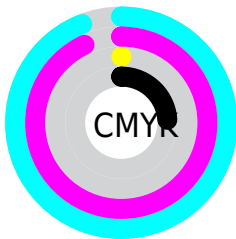
Distribution



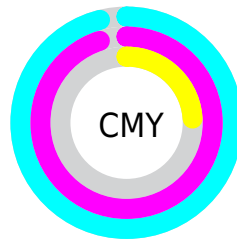
- Red (4%)
- Green (5%)
- Blue (76%)



- Red (4%)
- Yellow (5%)
- Blue (76%)



- Cyan (94%)
- Magenta (93%)
- Yellow (0%)
- Black (24%)



- Cyan (96%)
- Magenta (95%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B0DC1 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 0B0DC1 by changing the saturation by 10% instead.

 0B0DC1

 0B0DC1


FFFFFF

 0000A5

 6944FB

 00008A

 895EFF

 00006F

 A978FF

 000C55

 C893FF

 00063D

 E7AEFF

 000326

 FFCAFF

 000110

 FFE7FF

 000000

 0B0DC1

 0B0DC1

■ 0002C1

■ 1E20C1

■ 3233C1

■ 4546C1

■ 5859C1

■ 6B6CC1

■ 7F80C1

■ 9293C1

■ A5A6C1

■ B9B9C1

Harmonies

Analogous

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



0047E1



0B0DC1



9A007D

Triad

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



0B0DC1



780B00



005148

Complementary

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



0B0DC1



C1BF0B

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.



004E00



0B0DC1



3A3D00

Square

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



0B0DC1



A30000



004A00



005398

Rectangle

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



0B0DC1



B1004A



004A00



00502C

Sweetspot

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



0B0DC1



B4B5FA



0BC1BE



52537D



FCFCFC



7D7D7D

Same Dimension

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



0B0DC1



0003FA



630BC1



575761



0002A1



000021

Inverse Universe

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



C10B0D



FA0003



69C10B



615757



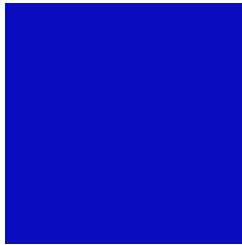
A10002



210000

Previews

White Background



This preview shows how the Hex color 0B0DC1 looks on a white background.

Color Contrast Check

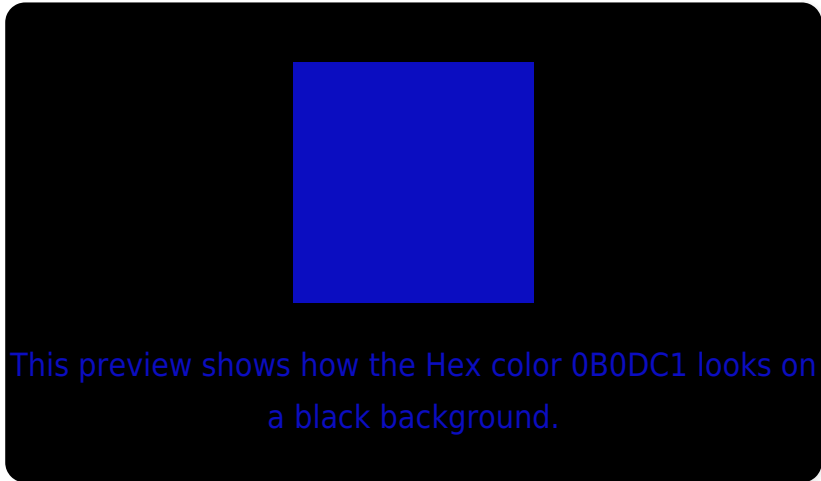
Large Text (above 18pt) WCAG AA ✓ Pass

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

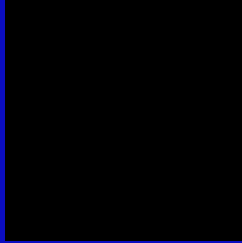
Any Text WCAG AA × Fail

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 0B0DC1 Background



This preview shows how black text looks on a background with the Hex color 0B0DC1.



This preview shows how white text looks on a background with the Hex color 0B0DC1.

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
0B0DC1

Protanopia
003978

Deuteranopia
003D65

Trichromacy



Original Color
0B0DC1

Protanomaly
042993

Deuteranomaly
042C86

Tritanomaly
042F72

Monochromacy



Original Color
0B0DC1

Achromatopsia
212121

Achromatomaly
191A5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B0DC1 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 #0B0DC1 looks like.

```
.text, #text, p{  
    color:#0B0DC1  
}
```

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 #0B0DC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B0DC1
}
```

Border

The CSS property to change the border of an element to Hex 0B0DC1 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
#0B0DC1 }
```

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

```
.border{ border-color:#0B0DC1 }
```

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

Here you see how a box with a 4 pixel #0B0DC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B0DC1; -webkit-box-shadow:4px 4px  
4px 4px #0B0DC1; box-shadow:4px 4px 4px  
4px #0B0DC1 }
```

Background

The CSS property to change the background color of an element to Hex 0B0DC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B0DC1 }
```

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

```
.background{ background-color:#0B0DC1 }
```

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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