

Converting Colors

Hex(0A1DB0)

Have a look what the booklet for
Hex(0A1DB0) contains.

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Color

Hex(0A1DB0)

Conversions

Conversions Part 1

Format	Color
Hex	0A1DB0
RGB	10, 29, 176
RGB Percent	4%, 11%, 69%
CMY	0.9608, 0.8863, 0.3098
CMYK	0.94, 0.84, 0.00, 0.31
HSL	233°, 89%, 36%
HSV	233°, 94%, 69%
XYZ	8.4010, 4.0778, 41.4186
YIQ	40.0770, -58.5110, 41.6890

Conversions

Conversions Part 2

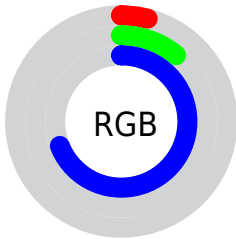
Format	Color
RYB	10, 27, 176
Decimal	662960
CIELab	23.93, 50.62, -76.07
CIELCh	24, 91.378, 303.643
Yxy	4.0778, 0.1559, 0.0757
Android (android.graphics.Color)	4278853040 (0xFF0A1DB0)
YUV	40.0770, 67.0100, -26.3775
Hunter-Lab	20.1937, 38.9209, -107.4722

Details

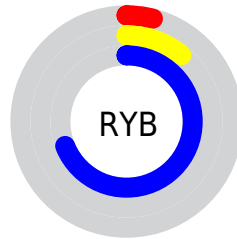
The Hex color **0A1DB0** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **B09D0A**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **624DE9**, and **00007A** is the 20% darker color. If you saturate the color by 10%, you get **0014B0**, and if you desaturate by 10%, it is **1C2DB0**.

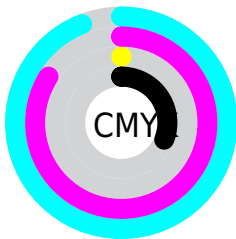
Distribution



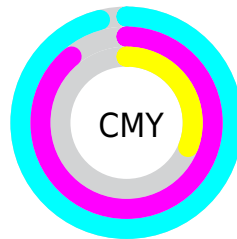
- Red (4%)
- Green (11%)
- Blue (69%)



- Red (4%)
- Yellow (11%)
- Blue (69%)



- Cyan (94%)
- Magenta (84%)
- Yellow (0%)
- Black (31%)



- Cyan (96%)
- Magenta (89%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A1DB0 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 0A1DB0 by changing the saturation by 10% instead.

■ 0A1DB0

■ 0A1DB0

FFFFFF

■ 000495

■ 624DE9

■ 00007A

■ 8266FF

■ 000060

■ A080FF

■ 000847

■ BF9AFF

■ 000430

■ DDB5FF

■ 00011A

■ FCD1FF

■ 000000

■ FFEEFF

■ 0A1DB0

■ 0A1DB0

■ 0014B0

■ 1C2DB0

■ 2D3CB0

■ 3F4CB0

■ 505BB0

■ 626BB0

■ 747BB0

■ 858AB0

■ 979AB0

■ A8A9B0

Harmonies

Analogous

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



0044C9



0A1DB0



890078

Triad

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



0A1DB0



741100



004E40

Complementary

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



0A1DB0



B09D0A

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



0A1DB0



403A00

Square

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



0A1DB0



980000



004700



005086

Rectangle

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



0A1DB0



A0004B



004700



004D28

Sweetspot

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



0A1DB0



A5ADE6



0AB09D



4C5073



F2F2F2



737373

Same Dimension

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



0A1DB0



001AE6



4A0AB0



505159



001299



00031A

Inverse Universe

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



B00A1D



E6001A



70B00A



595051



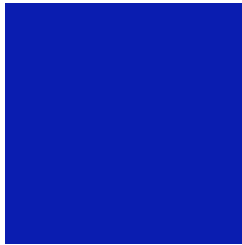
990012



1A0003

Previews

White Background



This preview shows how the Hex color 0A1DB0 looks on a white background.

Color Contrast Check

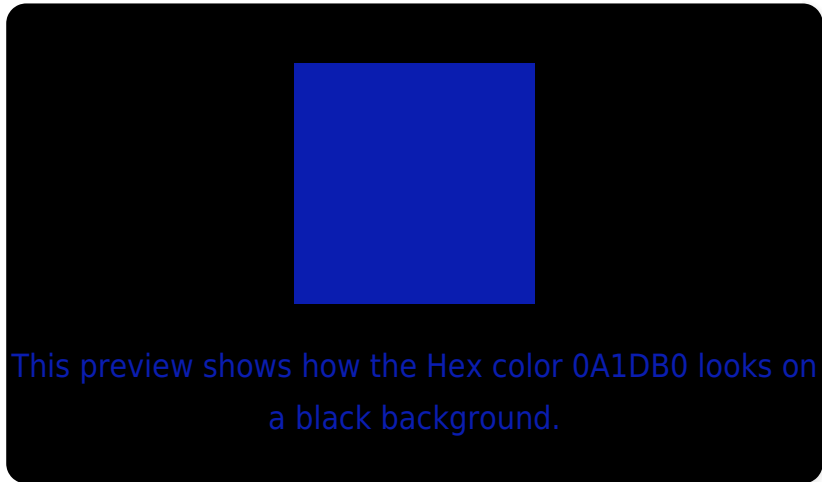
Large Text (above 18pt) WCAG AA ✓ Pass

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 0A1DB0 Background



This preview shows how black text looks on a background with the Hex color 0A1DB0.



This preview shows how white text looks on a background with the Hex color 0A1DB0.

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
0A1DB0

Protanopia
003875

Deuteranopia
003B63

Trichromacy



Original Color
0A1DB0

Protanomaly
042E8A

Deuteranomaly
04307F

Tritanomaly
04336B

Monochromacy



Original Color
0A1DB0

Achromatopsia
282828

Achromatomaly
1D2459

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A1DB0 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 #0A1DB0 looks like.

```
.text, #text, p{  
    color:#0A1DB0  
}
```

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 #0A1DB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A1DB0
}
```

Border

The CSS property to change the border of an element to Hex 0A1DB0 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
#0A1DB0 }
```

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

```
.border{ border-color:#0A1DB0 }
```

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

Here you see how a box with a 4 pixel #0A1DB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A1DB0; -webkit-box-shadow:4px 4px  
4px 4px #0A1DB0; box-shadow:4px 4px 4px  
4px #0A1DB0 }
```

Background

The CSS property to change the background color of an element to Hex 0A1DB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A1DB0 }
```

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

```
.background{ background-color:#0A1DB0 }
```

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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