

Converting Colors

Hex(0A1DD1)

Have a look what the booklet for
Hex(0A1DD1) contains.

Hex(0A1DD1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0A1DD1)

Conversions

Conversions Part 1

Format	Color
Hex	0A1DD1
RGB	10, 29, 209
RGB Percent	4%, 11%, 82%
CMY	0.9608, 0.8863, 0.1804
CMYK	0.95, 0.86, 0.00, 0.18
HSL	234°, 91%, 43%
HSV	234°, 95%, 82%
XYZ	12.0732, 5.5467, 60.7559
YIQ	43.8390, -69.1040, 51.9520

Conversions

Conversions Part 2

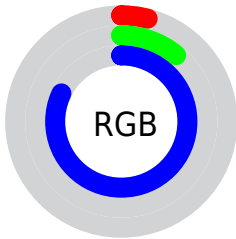
Format	Color
RYB	10, 27, 209
Decimal	662993
CIELab	28.24, 60.66, -88.38
CIElCh	28, 107.193, 304.463
Yxy	5.5467, 0.1540, 0.0708
Android (android.graphics.Color)	4278853073 (0xFF0A1DD1)
YUV	43.8390, 81.4244, -29.6768
Hunter-Lab	23.5515, 50.2893, -136.4649

Details

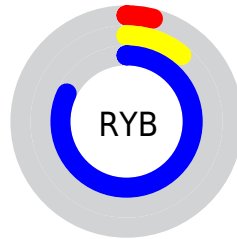
The Hex color **0A1DD1** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **D1BE0A**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **6C50FF**, and **000099** is the 20% darker color. If you saturate the color by 10%, you get **0014D1**, and if you desaturate by 10%, it is **1F30D1**.

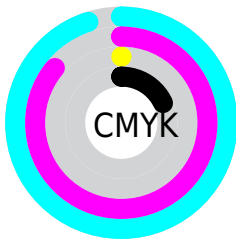
Distribution



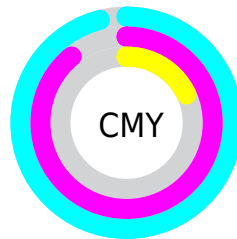
- Red (4%)
- Green (11%)
- Blue (82%)



- Red (4%)
- Yellow (11%)
- Blue (82%)



- Cyan (95%)
- Magenta (86%)
- Yellow (0%)
- Black (18%)



- Cyan (96%)
- Magenta (89%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A1DD1 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 0A1DD1 by changing the saturation by 10% instead.

 0A1DD1

 0A1DD1

FFFFFF

 0000B5

 6C50FF

 000099

 8E69FF

 00007E

 AE84FF

 000964

 CD9FFF

 00094B

 EDBAFF

 000433

 FFD7FF

 00021D

 FFF3FF

 000000

 0A1DD1

 0A1DD1

0014D1

1F30D1

3443D1

4956D1

5E69D1

727CD1

878ED1

9CA1D1

B1B4D1

C6C7D1

Harmonies

Analogous

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



0050F1



0A1DD1



A5008C

Triad

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



0A1DD1



871200



005B4E

Complementary

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



0A1DD1



D1BE0A

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.



005800



0A1DD1



484500

Square

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



0A1DD1



B30000



005400



005DA1

Rectangle

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



0A1DD1



BF0056



005400



005A30

Sweetspot

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



0A1DD1



B5BCFF



0AD1BD



535780



000000



808080

Same Dimension

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



0A1DD1



0018FF



5A0AD1



5E5F69



0010A8



000429

Inverse Universe

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



D10A1D



FF0018



81D10A



695E5F



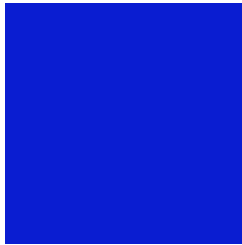
A80010



290004

Previews

White Background



This preview shows how the Hex color 0A1DD1 looks on a white background.

Color Contrast Check

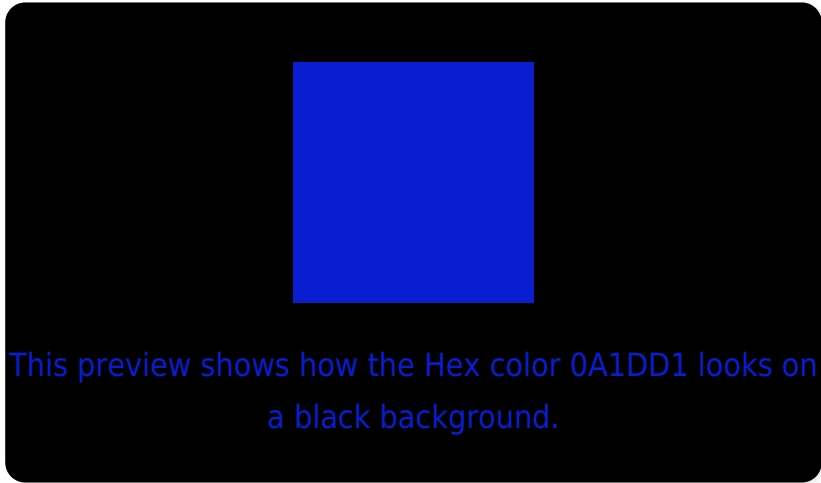
Large Text (above 18pt) WCAG AA ✓ Pass

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

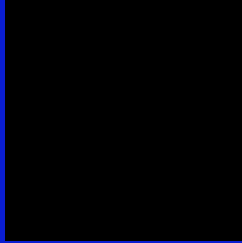
Any Text WCAG AA × Fail

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 0A1DD1 Background



This preview shows how black text looks on a background with the Hex color 0A1DD1.



This preview shows how white text looks on a background with the Hex color 0A1DD1.

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
0A1DD1

Protanopia
004187

Deuteranopia
004573



Tritanopia
004A4E

Trichromacy



Original Color
0A1DD1

Protanomaly
0434A2

Deuteranomaly
043695

Tritanomaly
043A7E

Monochromacy



Original Color
0A1DD1

Achromatopsia
2C2C2C

Achromatomaly
202768

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A1DD1 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 #0A1DD1 looks like.

```
.text, #text, p{  
    color:#0A1DD1  
}
```

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 #0A1DD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A1DD1
}
```

Border

The CSS property to change the border of an element to Hex 0A1DD1 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".

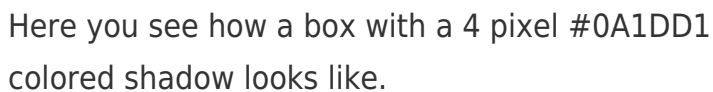
```
.border, #border, table{ border:4px solid
#0A1DD1 }
```

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

```
.border{ border-color:#0A1DD1 }
```

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

Here you see how a box with a 4 pixel #0A1DD1 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A1DD1; -webkit-box-shadow:4px 4px  
4px 4px #0A1DD1; box-shadow:4px 4px 4px  
4px #0A1DD1 }
```

Background

The CSS property to change the background color of an element to Hex 0A1DD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A1DD1 }
```

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

```
.background{ background-color:#0A1DD1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor