

Converting Colors

Hex(0A1BD3)

Have a look what the booklet for
Hex(0A1BD3) contains.

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Color

Hex(0A1BD3)

Conversions

Conversions Part 1

Format	Color
Hex	0A1BD3
RGB	10, 27, 211
RGB Percent	4%, 11%, 83%
CMY	0.9608, 0.8941, 0.1725
CMYK	0.95, 0.87, 0.00, 0.17
HSL	235°, 91%, 43%
HSV	235°, 95%, 83%
XYZ	12.2750, 5.5515, 62.0526
YIQ	42.8930, -69.1960, 53.6200

Conversions

Conversions Part 2

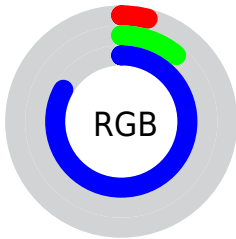
Format	Color
RYB	10, 26, 211
Decimal	662483
CIELab	28.25, 61.99, -89.52
CIELCh	28, 108.892, 304.703
Yxy	5.5515, 0.1537, 0.0695
Android (android.graphics.Color)	4278852563 (0xFF0A1BD3)
YUV	42.8930, 82.8768, -28.8472
Hunter-Lab	23.5617, 51.7604, -139.6541

Details

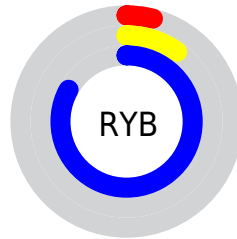
The Hex color **0A1BD3** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **D3C20A**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **6D4FFF**, and **00009B** is the 20% darker color. If you saturate the color by 10%, you get **0012D3**, and if you desaturate by 10%, it is **1F2ED3**.

Distribution



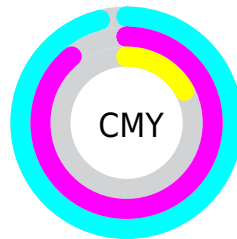
- Red (4%)
- Green (11%)
- Blue (83%)



- Red (4%)
- Yellow (10%)
- Blue (83%)



- Cyan (95%)
- Magenta (87%)
- Yellow (0%)
- Black (17%)



- Cyan (96%)
- Magenta (89%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A1BD3 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 0A1BD3 by changing the saturation by 10% instead.

■ 0A1BD3

■ 0A1BD3

FFFFFF

■ 0000B6

■ 6D4FFF

■ 00009B

■ 8E68FF

■ 000080

■ AF83FF

■ 000865

■ CE9EFF

■ 00094C

■ EEB9FF

■ 000534

■ FFD6FF

■ 00021E

■ FFF2FF

■ 000001

■ 000000

■ 0A1BD3

■ 0A1BD3

■ 0012D3

■ 1F2ED3

■ 3442D3

■ 4955D3

■ 5E68D3

■ 737CD3

■ 898FD3

■ 9EA2D3

■ B3B6D3

■ C8C9D3

Harmonies

Analogous

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



0050F3



0A1BD3



A7008D

Triad

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



0A1BD3



871100



005B4F

Complementary

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



0A1BD3



D3C20A

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



0A1BD3



474500

Square

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



0A1BD3



B40000



005400



005EA4

Rectangle

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



0A1BD3



C10056



005400



005A31

Sweetspot

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



0A1BD3



B5BBFF



0AD3BF



535780



000000



808080

Same Dimension

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



0A1BD3



0016FF



5A0AD3



5E5F69



000EA8



000329

Inverse Universe

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



D30A1B



FF0016



83D30A



695E5F



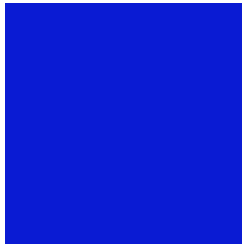
A8000E



290003

Previews

White Background



This preview shows how the Hex color 0A1BD3 looks on a white background.

Color Contrast Check

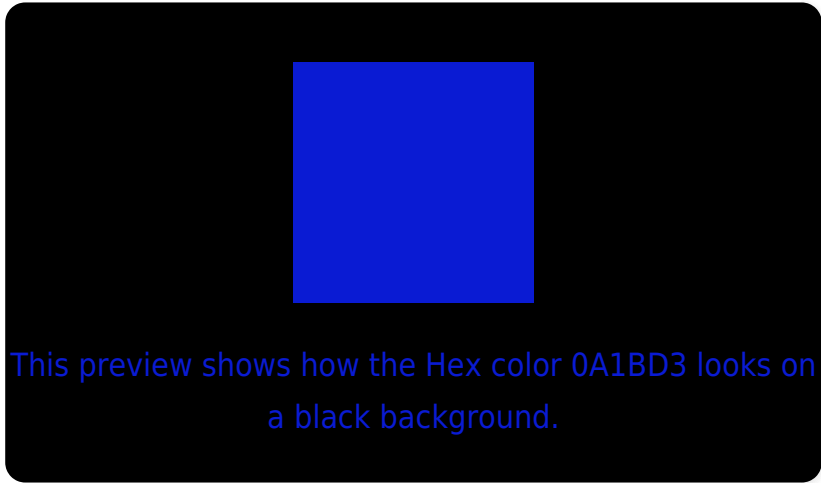
Large Text (above 18pt) WCAG AA ✓ Pass

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

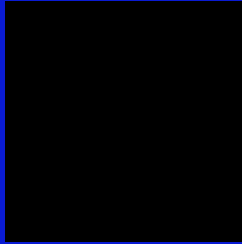
Any Text WCAG AA × Fail

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 0A1BD3 Background



This preview shows how black text looks on a background with the Hex color 0A1BD3.



This preview shows how white text looks on a background with the Hex color 0A1BD3.

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
0A1BD3

Protanopia
004188

Deuteranopia
004573



Tritanopia
004A4E

Trichromacy



Original Color
0A1BD3

Protanomaly
0433A3

Deuteranomaly
043696

Tritanomaly
04397E

Monochromacy



Original Color
0A1BD3

Achromatopsia
2B2B2B

Achromatomaly
1F2568

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A1BD3 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 #0A1BD3 looks like.

```
.text, #text, p{  
    color:#0A1BD3  
}
```

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 #0A1BD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A1BD3
}
```

Border

The CSS property to change the border of an element to Hex 0A1BD3 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".

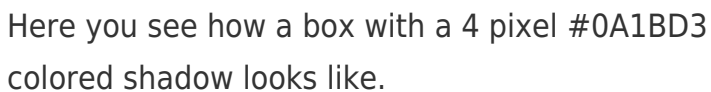
```
.border, #border, table{ border:4px solid
#0A1BD3 }
```

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

```
.border{ border-color:#0A1BD3 }
```

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

Here you see how a box with a 4 pixel #0A1BD3 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A1BD3; -webkit-box-shadow:4px 4px  
4px 4px #0A1BD3; box-shadow:4px 4px 4px  
4px #0A1BD3 }
```

Background

The CSS property to change the background color of an element to Hex 0A1BD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A1BD3 }
```

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

```
.background{ background-color:#0A1BD3 }
```

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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