

Converting Colors

Hex(0C1FDA)

Have a look what the booklet for
Hex(0C1FDA) contains.

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Color

Hex(0C1FDA)

Conversions

Conversions Part 1

Format	Color
Hex	0C1FDA
RGB	12, 31, 218
RGB Percent	5%, 12%, 85%
CMY	0.9529, 0.8784, 0.1451
CMYK	0.94, 0.86, 0.00, 0.15
HSL	234°, 90%, 45%
HSV	234°, 94%, 85%
XYZ	13.2965, 6.1201, 66.8102
YIQ	46.6370, -71.3510, 54.1290

Conversions

Conversions Part 2

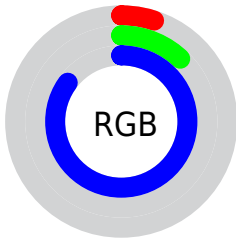
Format	Color
R _Y B	12, 29, 218
Decimal	794586
CIE Lab	29.71, 62.52, -91.13
CIE LCh	30, 110.517, 304.450
Yxy	6.1201, 0.1542, 0.0710
Android (android.graphics.Color)	4278984666 (0xFF0C1FDA)
YUV	46.6370, 84.4820, -30.3766
Hunter-Lab	24.7388, 52.6463, -142.8026

Details

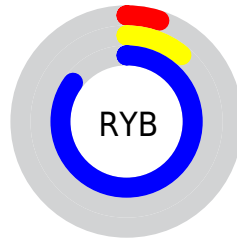
The Hex color **0C1FDA** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **DAC70C**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **6F52FF**, and **0000A1** is the 20% darker color. If you saturate the color by 10%, you get **0014DA**, and if you desaturate by 10%, it is **2233DA**.

Distribution



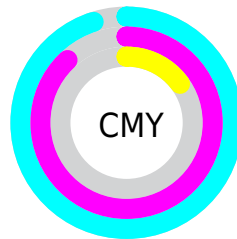
- Red (5%)
- Green (12%)
- Blue (85%)



- Red (5%)
- Yellow (11%)
- Blue (85%)



- Cyan (94%)
- Magenta (86%)
- Yellow (0%)
- Black (15%)



- Cyan (95%)
- Magenta (88%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C1FDA 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 0C1FDA by changing the saturation by 10% instead.

 0C1FDA

 0C1FDA

FFFFFF

 0000BD

 6F52FF

 0000A1

 916CFF

 000086

 B186FF

 00056B

 D1A1FF

 000B52

 F1BDFF

 00053A

 FFDAFF

 000223

 FFF7FF

 00000B

 000000

■ 0C1FDA

■ 0C1FDA

■ 0014DA

■ 2233DA

■ 3847DA

■ 4D5ADA

■ 636EDA

■ 7982DA

■ 8F96DA

■ A5AADA

■ BABDDA

■ D0D1DA

Harmonies

Analogous

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



0054FB



0C1FDA



AC0093

Triad

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



0C1FDA



8D1400



005F52

Complementary

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



0C1FDA



DAC70C

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.



005C00



0C1FDA



4B4800

Square

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



0C1FDA



BB0000



005800



0062A9

Rectangle

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



0C1FDA



C7005A



005800



005E33

Sweetspot

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



0C1FDA



B8BEFF



0CDAC5



545880



000000



808080

Same Dimension

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



0C1FDA



0018FF



5E0CDA



63646E



0010AD



00042E

Inverse Universe

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



DA0C1F



FF0018



88DA0C



6E6364



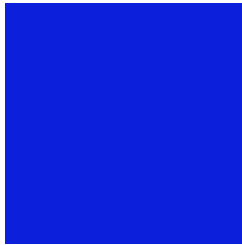
AD0010



2E0004

Previews

White Background



This preview shows how the Hex color 0C1FDA looks on a white background.

Color Contrast Check

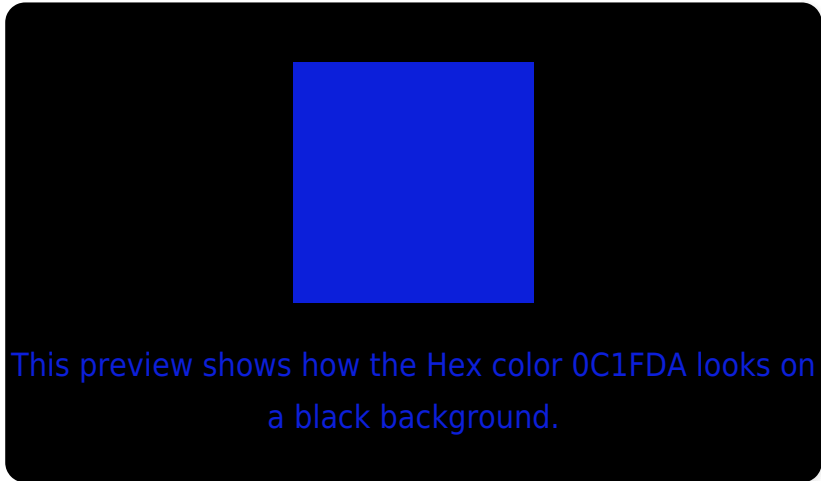
Large Text (above 18pt) WCAG AA ✓ Pass

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

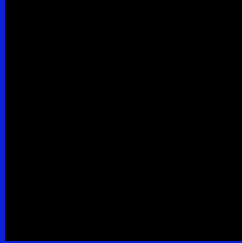
Any Text WCAG AA × Fail

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 0C1FDA Background



This preview shows how black text looks on a background with the Hex color 0C1FDA.



This preview shows how white text looks on a background with the Hex color 0C1FDA.

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
0C1FDA

Protanopia
00448E

Deuteranopia
004878



Tritanopia
004E51

Trichromacy



Original Color
0C1FDA

Protanomaly
0437AA

Deuteranomaly
04399C

Tritanomaly
043D83

Monochromacy



Original Color
0C1FDA

Achromatopsia
2F2F2F

Achromatomaly
22296D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C1FDA 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 #0C1FDA looks like.

```
.text, #text, p{  
    color:#0C1FDA  
}
```

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 #0C1FDA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C1FDA
}
```

Border

The CSS property to change the border of an element to Hex 0C1FDA 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
#0C1FDA }
```

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

```
.border{ border-color:#0C1FDA }
```

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

Here you see how a box with a 4 pixel #0C1FDA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C1FDA; -webkit-box-shadow:4px 4px  
4px 4px #0C1FDA; box-shadow:4px 4px 4px  
4px #0C1FDA }
```

Background

The CSS property to change the background color of an element to Hex 0C1FDA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C1FDA }
```

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

```
.background{ background-color:#0C1FDA }
```

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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