

Converting Colors

Hex(0B42DB)

Have a look what the booklet for
Hex(0B42DB) contains.

Hex(0B42DB)	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(0B42DB)

Conversions

Conversions Part 1

Format	Color
Hex	0B42DB
RGB	11, 66, 219
RGB Percent	4%, 26%, 86%
CMY	0.9569, 0.7412, 0.1412
CMYK	0.95, 0.70, 0.00, 0.14
HSL	224°, 90%, 45%
HSV	224°, 95%, 86%
XYZ	14.8724, 9.0820, 67.9870
YIQ	66.9970, -81.8930, 35.9230

Conversions

Conversions Part 2

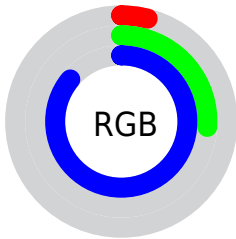
Format	Color
RYB	11, 54, 219
Decimal	738011
CIELab	36.14, 44.68, -81.04
CIELCh	36, 92.546, 298.870
Yxy	9.0820, 0.1618, 0.0988
Android (android.graphics.Color)	4278928091 (0xFF0B42DB)
YUV	66.9970, 74.9375, -49.1094
Hunter-Lab	30.1364, 35.3514, -112.6611

Details

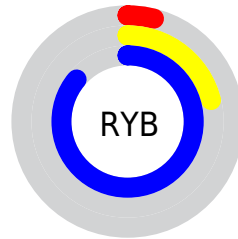
The Hex color **0B42DB** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **DBA40B**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **6C72FF**, and **0018A3** is the 20% darker color. If you saturate the color by 10%, you get **003ADB**, and if you desaturate by 10%, it is **2152DB**.

Distribution



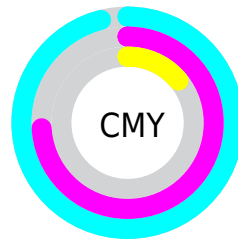
- Red (4%)
- Green (26%)
- Blue (86%)



- Red (4%)
- Yellow (21%)
- Blue (86%)



- Cyan (95%)
- Magenta (70%)
- Yellow (0%)
- Black (14%)



- Cyan (96%)
- Magenta (74%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B42DB 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 0B42DB by changing the saturation by 10% instead.

0B42DB

0B42DB

FFFFFF

002CBE

6C72FF

0018A3

8D8CFF

000787

ADA6FF

00006D

CCC2FF

000B53

ECDDFF

00063B

FFFAFF

000225

00010D

000000

■ 0B42DB

■ 0B42DB

■ 003ADB

■ 2152DB

■ 3762DB

■ 4D72DB

■ 6382DB

■ 7893DB

■ 8EA3DB

■ A4B3DB

■ BAC3DB

■ D0D3DB

Harmonies

Analogous

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



0062EF



0B42DB



A500A4

Triad

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



0B42DB



A22800



006E50

Complementary

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



0B42DB



DBA40B

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.



006B00



0B42DB



6B5200

Square

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



0B42DB



C50014



0E6400



00709C

Rectangle

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



0B42DB



C40074



0E6400



006E36

Sweetspot

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



0B42DB



B8CAFF



0BDBA4



546080



000000



808080

Same Dimension

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



0B42DB



0043FF



3C0BDB



63666E



002EAD



000C2E

Inverse Universe

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



DB0B42



FF0043



AADB0B



6E6366



AD002E



2E000C

Previews

White Background



This preview shows how the Hex color 0B42DB looks on a white background.

Color Contrast Check

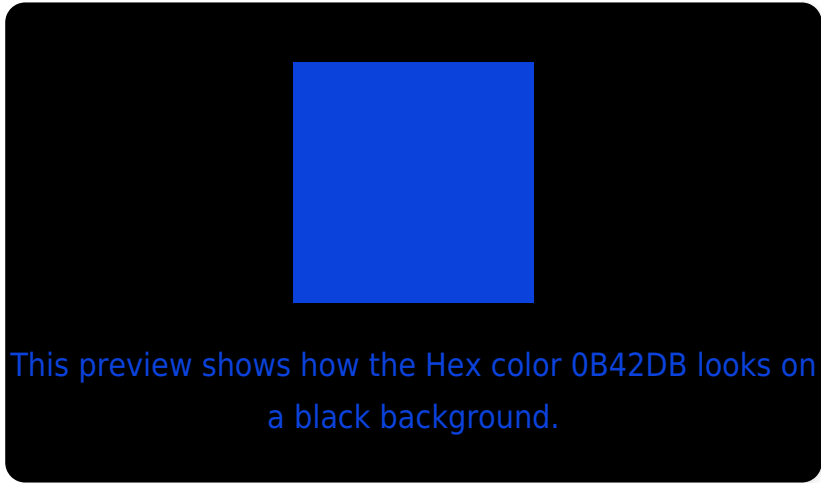
Large Text (above 18pt) WCAG AA ✓ Pass

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 0B42DB Background



This preview shows how black text looks on a background with the Hex color 0B42DB.

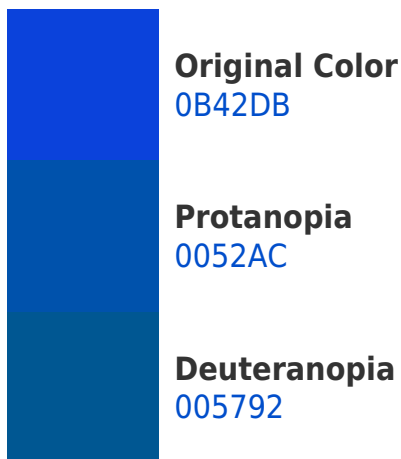


This preview shows how white text looks on a background with the Hex color 0B42DB.

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





Tritanopia
005E63

Trichromacy



Original Color
0B42DB

Protanomaly
044CBD

Deuteranomaly
044FAD

Tritanomaly
04548F

Monochromacy



Original Color
0B42DB

Achromatopsia
434343

Achromatomaly
2F437A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B42DB 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 #0B42DB looks like.

```
.text, #text, p{  
    color:#0B42DB  
}
```

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 #0B42DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B42DB
}
```

Border

The CSS property to change the border of an element to Hex 0B42DB 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
#0B42DB }
```

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

```
.border{ border-color:#0B42DB }
```

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

Here you see how a box with a 4 pixel #0B42DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B42DB; -webkit-box-shadow:4px 4px  
4px 4px #0B42DB; box-shadow:4px 4px 4px  
4px #0B42DB }
```

Background

The CSS property to change the background color of an element to Hex 0B42DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B42DB }
```

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

```
.background{ background-color:#0B42DB }
```

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