

Converting Colors

Hex(0B37CB)

Have a look what the booklet for
Hex(0B37CB) contains.

Hex(0B37CB)	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>	28

Color

Hex(0B37CB)

Conversions

Conversions Part 1

Format	Color
Hex	0B37CB
RGB	11, 55, 203
RGB Percent	4%, 22%, 80%
CMY	0.9569, 0.7843, 0.2039
CMYK	0.95, 0.73, 0.00, 0.20
HSL	226°, 90%, 42%
HSV	226°, 95%, 80%
XYZ	12.2837, 7.1153, 57.2259
YIQ	58.7160, -73.7320, 36.7000

Conversions

Conversions Part 2

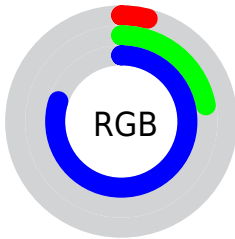
Format	Color
R_{YB}	11, 47, 203
Decimal	735179
CIE _{Lab}	32.07, 45.60, -78.53
CIE _{LCh}	32, 90.808, 300.146
Yxy	7.1153, 0.1603, 0.0929
Android (android.graphics.Color)	4278925259 (0xFF0B37CB)
YUV	58.7160, 71.1320, -41.8469
Hunter-Lab	26.6746, 35.5192, -108.5248

Details

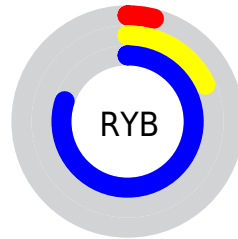
The Hex color **0B37CB** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **CB9F0B**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **6867FF**, and **000D93** is the 20% darker color. If you saturate the color by 10%, you get **002FCB**, and if you desaturate by 10%, it is **1F47CB**.

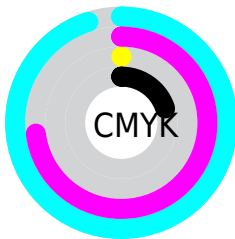
Distribution



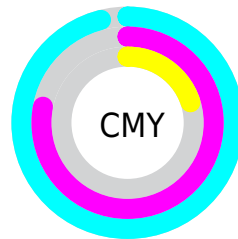
- Red (4%)
- Green (22%)
- Blue (80%)



- Red (4%)
- Yellow (18%)
- Blue (80%)



- Cyan (95%)
- Magenta (73%)
- Yellow (0%)
- Black (20%)



- Cyan (96%)
- Magenta (78%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B37CB 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 0B37CB by changing the saturation by 10% instead.

■ 0B37CB

■ 0B37CB

FFFFFF

■ 0021AF

■ 6867FF

■ 000D93

■ 8980FF

■ 000079

■ A89AFF

■ 00065F

■ C7B5FF

■ 000846

■ E6D1FF

■ 00042F

■ FFEDFF

■ 000119

■ 000000

■ 0B37CB

■ 0B37CB

■ 002FCB

■ 1F47CB

■ 3456CB

■ 4866CB

■ 5C76CB

■ 7085CB

■ 8595CB

■ 99A5CB

■ ADB4CB

■ C2C4CB

Harmonies

Analogous

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



0058E0



0B37CB



9A0094

Triad

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



0B37CB



922100



00634A

Complementary

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



0B37CB



CB9F0B

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.



006000



0B37CB



5D4A00

Square

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



0B37CB



B50008



005A00



006593

Rectangle

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



0B37CB



B60066



005A00



006230

Sweetspot

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



0B37CB



B8C8FF



0BCB9E



545E80



000000



808080

Same Dimension

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



0B37CB



003AFF



3E0BCB



5C5E66



0026A6



000926

Inverse Universe

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



CB0B37



FF003A



98CB0B



665C5E



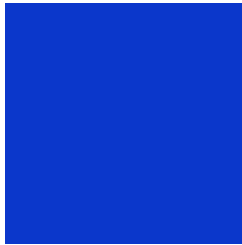
A60026



260009

Previews

White Background



This preview shows how the Hex color 0B37CB looks on a white background.

Color Contrast Check

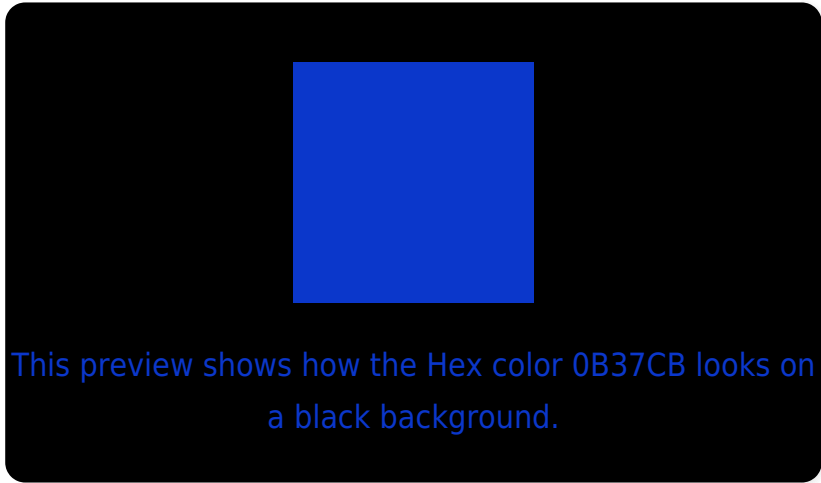
Large Text (above 18pt) WCAG AA ✓ Pass

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

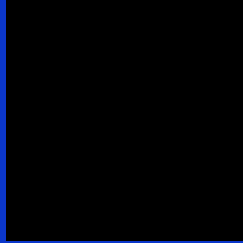
Any Text WCAG AA × Fail

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 0B37CB Background



This preview shows how black text looks on a background with the Hex color 0B37CB.

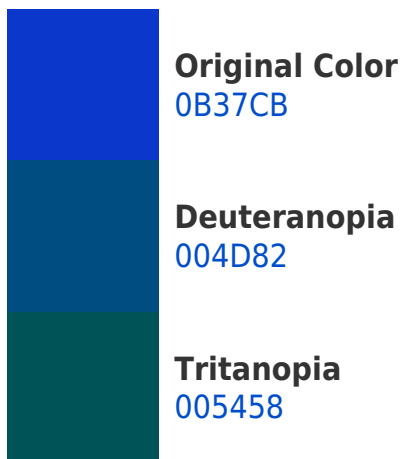


This preview shows how white text looks on a background with the Hex color 0B37CB.

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



Trichromacy



Original Color
0B37CB

Deuteranomaly
04459D

Tritanomaly
044982

Monochromacy



Original Color
0B37CB

Achromatopsia
3B3B3B

Achromatomaly
2A3A6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B37CB 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 #0B37CB looks like.

```
.text, #text, p{  
    color:#0B37CB  
}
```

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 #0B37CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B37CB
}
```

Border

The CSS property to change the border of an element to Hex 0B37CB 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
#0B37CB }
```

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

```
.border{ border-color:#0B37CB }
```

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

Here you see how a box with a 4 pixel #0B37CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B37CB; -webkit-box-shadow:4px 4px  
4px 4px #0B37CB; box-shadow:4px 4px 4px  
4px #0B37CB }
```

Background

The CSS property to change the background color of an element to Hex 0B37CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B37CB }
```

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

```
.background{ background-color:#0B37CB }
```

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