

Converting Colors

Hex(0B4DB4)

Have a look what the booklet for
Hex(0B4DB4) contains.

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Color

Hex(0B4DB4)

Conversions

Conversions Part 1

Format	Color
Hex	0B4DB4
RGB	11, 77, 180
RGB Percent	4%, 30%, 71%
CMY	0.9569, 0.6980, 0.2941
CMYK	0.94, 0.57, 0.00, 0.29
HSL	217°, 88%, 37%
HSV	217°, 94%, 71%
XYZ	11.0301, 8.6742, 44.2730
YIQ	69.0080, -72.3990, 18.0410

Conversions

Conversions Part 2

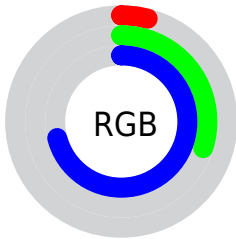
Format	Color
R_{YB}	11, 58, 180
Decimal	740788
CIE Lab	35.35, 22.55, -59.64
CIE LCh	35, 63.757, 290.714
Yxy	8.6742, 0.1724, 0.1356
Android (android.graphics.Color)	4278930868 (0xFF0B4DB4)
YUV	69.0080, 54.7191, -50.8730
Hunter-Lab	29.4520, 15.3094, -68.5098

Details

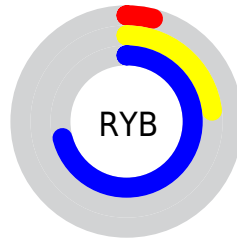
The Hex color **0B4DB4** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B4720B**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **5F7DED**, and **00237E** is the 20% darker color. If you saturate the color by 10%, you get **0046B4**, and if you desaturate by 10%, it is **1D58B4**.

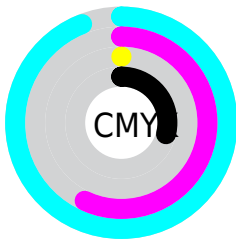
Distribution



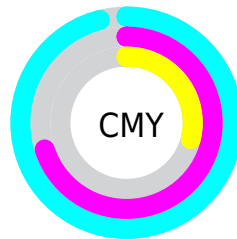
- Red (4%)
- Green (30%)
- Blue (71%)



- Red (4%)
- Yellow (23%)
- Blue (71%)



- Cyan (94%)
- Magenta (57%)
- Yellow (0%)
- Black (29%)



- Cyan (96%)
- Magenta (70%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B4DB4 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 0B4DB4 by changing the saturation by 10% instead.

■ 0B4DB4

■ 0B4DB4

FFFFFF

■ 003799

■ 5F7DED

■ 00237E

■ 7E97FF

■ 001064

■ 9CB1FF

■ 00074C

■ BACDFF

■ 000434

■ D8E9FF

■ 00021E

■ F6FFFF

■ 000000

■ 0B4DB4

■ 0B4DB4

■ 0046B4

■ 1D58B4

■ 2F63B4

■ 416EB4

■ 5379B4

■ 6584B4

■ 778FB4

■ 899AB4

■ 9BA5B4

■ ADB0B4

Harmonies

Analogous

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



005EB9



0B4DB4



7E2F95

Triad

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



0B4DB4



963100



006741

Complementary

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



0B4DB4



B4720B

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.



006302



0B4DB4



734B00

Square

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



0B4DB4



A80333



455B00



006876

Rectangle

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



0B4DB4



9B1176



455B00



00662F

Sweetspot

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



0B4DB4



A9C3EB



0BB470



4D5D75



F5F5F5



757575

Same Dimension

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



0B4DB4



005CEB



1C0BB4



505459



003C99



000A1A

Inverse Universe

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



B40B4D



EB005C



A3B40B



595054



99003C



1A000A

Previews

White Background



This preview shows how the Hex color 0B4DB4 looks on a white background.

Color Contrast Check

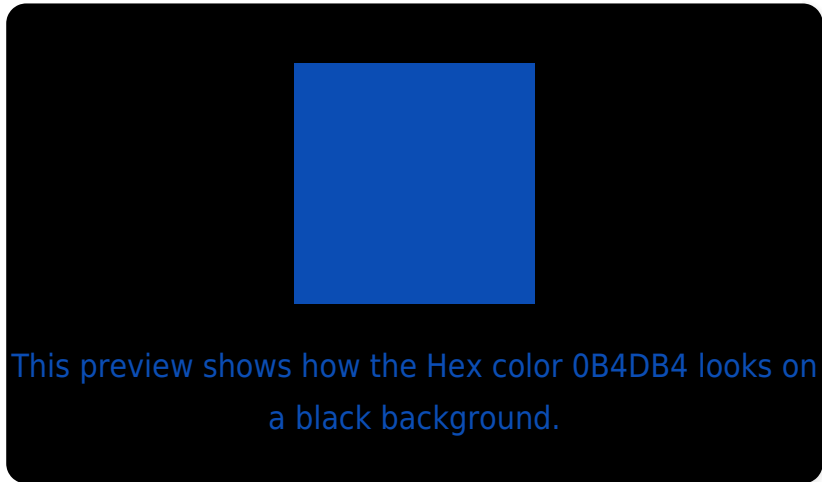
Large Text (above 18pt) WCAG AA ✓ Pass

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 0B4DB4 Background



This preview shows how black text looks on a background with the Hex color 0B4DB4.



This preview shows how white text looks on a background with the Hex color 0B4DB4.

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
0B4DB4

Protanopia
0050AA

Deuteranopia
005592



Tritanopia
005C62

Trichromacy



Original Color
0B4DB4

Protanomaly
044FAE

Deuteranomaly
04529E

Tritanomaly
045780

Monochromacy



Original Color
0B4DB4

Achromatopsia
454545

Achromatomaly
30486D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B4DB4 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 #0B4DB4 looks like.

```
.text, #text, p{  
    color:#0B4DB4  
}
```

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 #0B4DB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B4DB4
}
```

Border

The CSS property to change the border of an element to Hex 0B4DB4 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".

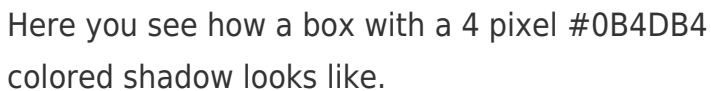
```
.border, #border, table{ border:4px solid
#0B4DB4 }
```

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

```
.border{ border-color:#0B4DB4 }
```

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

Here you see how a box with a 4 pixel #0B4DB4 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 #0B4DB4; -webkit-box-shadow:4px 4px  
4px 4px #0B4DB4; box-shadow:4px 4px 4px  
4px #0B4DB4 }
```

Background

The CSS property to change the background color of an element to Hex 0B4DB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B4DB4 }
```

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

```
.background{ background-color:#0B4DB4 }
```

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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