

# Converting Colors

Hex(0B49FF)

Have a look what the booklet for  
Hex(0B49FF) contains.

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# Color

Hex(0B49FF)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 0B49FF                     |
| RGB           | 11, 73, 255                |
| RGB Percent   | 4%, 29%, 100%              |
| CMY           | 0.9569, 0.7137, 0.0000     |
| CMYK          | 0.96, 0.71, 0.00, 0.00     |
| HSL           | 225°, 100%, 52%            |
| HSV           | 225°, 96%, 100%            |
| XYZ           | 20.5706, 12.0562, 95.8506  |
| YIQ           | 75.2100, -95.3740, 43.4580 |

# Conversions

## Conversions Part 2

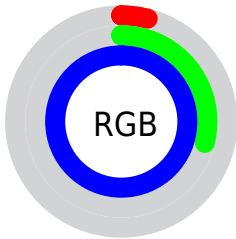
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 11, 60, 255                    |
| Decimal                             | 739839                         |
| CIE <sub>Lab</sub>                  | 41.31, 53.19, -92.88           |
| CIE <sub>LCh</sub>                  | 41, 107.030, 299.800           |
| Yxy                                 | 12.0562, 0.1601,<br>0.0938     |
| Android<br>(android.graphics.Color) | 4278929919<br>(0xFF0B49FF)     |
| <b>YUV</b>                          | 75.2100, 88.6365,<br>-56.3122  |
| Hunter-Lab                          | 34.7221, 44.9859,<br>-139.3651 |

# Details

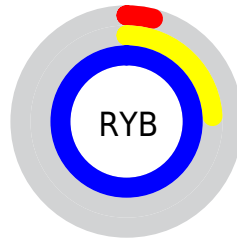
The Hex color **0B49FF** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark saturated blue. A complement of this color would be **FFC10B**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **767AFF**, and **001DC5** is the 20% darker color. If you saturate the color by 10%, you get **0041FF**, and if you desaturate by 10%, it is **245CFF**.

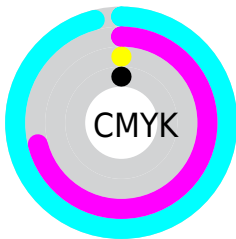
# Distribution



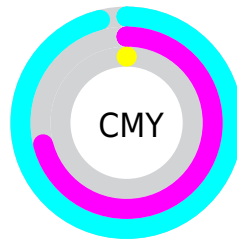
- Red (4%)
- Green (29%)
- Blue (100%)



- Red (4%)
- Yellow (24%)
- Blue (100%)



- Cyan (96%)
- Magenta (71%)
- Yellow (0%)
- Black (0%)



- Cyan (96%)
- Magenta (71%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0B49FF 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 0B49FF by changing the saturation by 10% instead.



 0B49FF

 0B49FF

FFFFFF

 0032E2

 767AFF

 001DC5

 9994FF

 000AA8

 BAAFFF

 00008D

 DBCBFF

 000A72

 FBE7FF


 000D59

 000740

 000329

 000113

 0B49FF


 0B49FF

 0041FF

 245CFF

 3E6FFF

 5882FF

 7195FF

 8BA8FF

 A4BBFF

 BECEFF

 D7E1FF

 F1F4FF

# Harmonies

## Analogous

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



0071FF



0B49FF



C200BC

# Triad

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



0B49FF



B92C00



007F5F

# Complementary

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



0B49FF



FFC10B

# 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.



007B00



0B49FF



785F00

# Square

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



0B49FF



E40011



007300



0081B8

# Rectangle

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



0B49FF



E50083



007300



007E3F



# Sweetspot

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



0B49FF



B5C8FF



0BFFBE



535E80



000000



808080



# Same Dimension

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



0B49FF



0041FF



440BFF



737680



0031BF



001040



# Inverse Universe

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



FF0B49



FF0041



C6FF0B



807376



BF0031



400010



# Previews

## White Background



This preview shows how the Hex color 0B49FF looks on a white background.

## Color Contrast Check

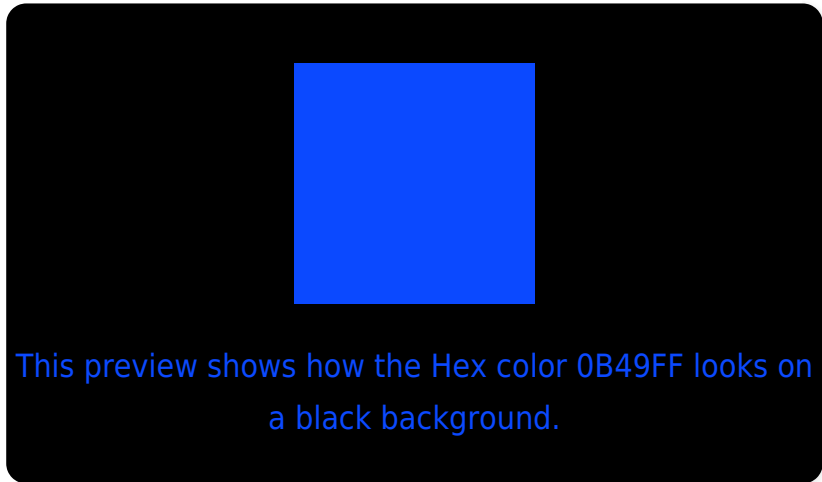
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 0B49FF Background



This preview shows how black text looks on a background with the Hex color 0B49FF.



This preview shows how white text looks on a background with the Hex color 0B49FF.

# 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**  
006B71

# Trichromacy



**Original Color**  
0B49FF

**Protanomaly**  
0456D9

**Deuteranomaly**  
045AC7

**Tritanomaly**  
045FA5

# Monochromacy



**Original Color**  
0B49FF

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
344A8C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B49FF 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 #0B49FF looks like.

```
.text, #text, p{  
    color:#0B49FF  
}
```

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 #0B49FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B49FF
}
```

## Border

The CSS property to change the border of an element to Hex 0B49FF 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
#0B49FF }
```

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

```
.border{ border-color:#0B49FF }
```

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

Here you see how a box with a 4 pixel #0B49FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B49FF; -webkit-box-shadow:4px 4px  
4px 4px #0B49FF; box-shadow:4px 4px 4px  
4px #0B49FF }
```

# Background

The CSS property to change the background color of an element to Hex 0B49FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B49FF }
```

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

```
.background{ background-color:#0B49FF }
```

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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