

# Converting Colors

Hex(0B21F4)

Have a look what the booklet for  
Hex(0B21F4) contains.

<b>Hex(0B21F4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(0B21F4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0B21F4
RGB	11, 33, 244
RGB Percent	4%, 13%, 96%
CMY	0.9569, 0.8706, 0.0431
CMYK	0.95, 0.86, 0.00, 0.04
HSL	234°, 91%, 50%
HSV	234°, 95%, 96%
XYZ	17.0110, 7.6905, 86.1758
YIQ	50.4760, -80.8430, 60.9570

# Conversions

## Conversions Part 2

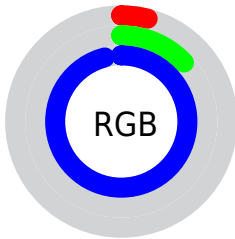
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 31, 244
Decimal	729588
CIELab	33.33, 69.15, -99.95
CIELCh	33, 121.535, 304.676
Yxy	7.6905, 0.1534, 0.0694
Android (android.graphics.Color)	4278919668 (0xFF0B21F4)
YUV	50.4760, 95.4073, -34.6205
Hunter-Lab	27.7318, 60.9634, -164.8299

# Details

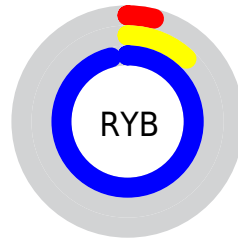
The Hex color **0B21F4** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **F4DE0B**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **7656FF**, and **0000BA** is the 20% darker color. If you saturate the color by 10%, you get **0017F4**, and if you desaturate by 10%, it is **2337F4**.

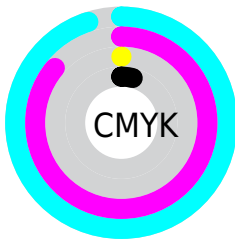
# Distribution



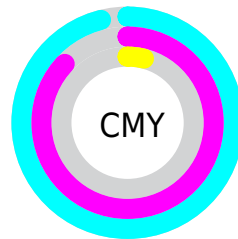
- Red (4%)
- Green (13%)
- Blue (96%)



- Red (4%)
- Yellow (12%)
- Blue (96%)



- Cyan (95%)
- Magenta (86%)
- Yellow (0%)
- Black (4%)



- Cyan (96%)
- Magenta (87%)
- Yellow (4%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 0B21F4 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 0B21F4 by changing the saturation by 10% instead.



 0B21F4

 0B21F4

FFFFFF

 0000D7

 7656FF

 0000BA

 9970FF

 00009E

 BB8BFF

 000083

 DBA7FF

 001168

 FCC3FF

 000A4F

 FFDFFF

 000537

 FFFCFF

 000221

 000005

■ 0B21F4

■ 0B21F4

■ 0017F4

■ 2337F4

■ 3C4DF4

■ 5463F4

■ 6D79F4

■ 858FF4

■ 9DA6F4

■ B6BCF4

■ CED2F4

■ E7E8F4

# Harmonies

## Analogous

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



005EFF



0B21F4



C100A3

# Triad

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



0B21F4



9D1500



006A5C

# Complementary

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



0B21F4



F4DE0B

# 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.



006700



0B21F4



535100

# Square

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



0B21F4



D10000



006200



006EBE

# Rectangle

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



0B21F4



DF0064



006200



00693A



# Sweetspot

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



0B21F4



B5BCFF



0BF4DD



535780



000000



808080



# Same Dimension

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



0B21F4



0018FF



680BF4



6E6F7A



0012BA



00063B



# Inverse Universe

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



F40B21



FF0018



97F40B



7A6E6F



BA0012

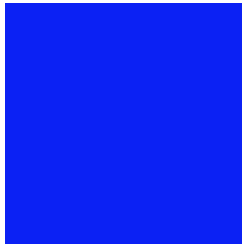


3B0006



# Previews

## White Background



This preview shows how the Hex color 0B21F4 looks on a white background.

## Color Contrast Check

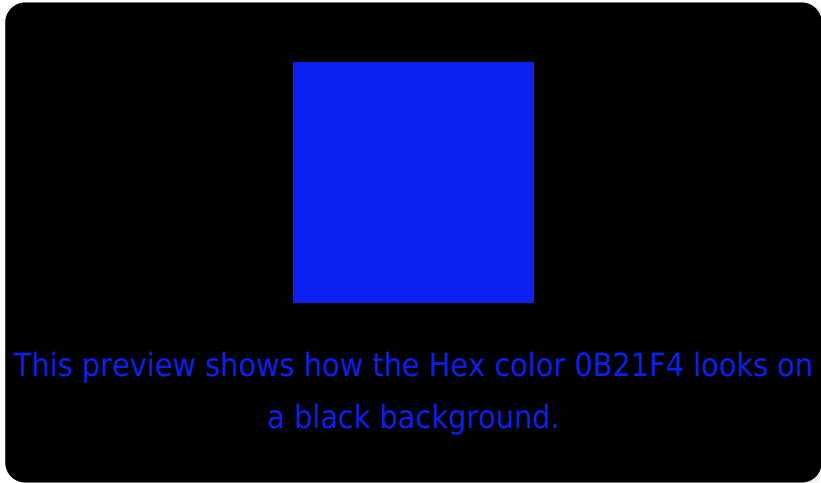
Large Text (above 18pt) WCAG AA ✓ Pass

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

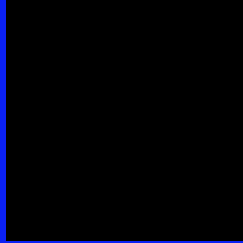
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0B21F4 Background



This preview shows how black text looks on a background with the Hex color 0B21F4.




This preview shows how white text looks on a background with the Hex color 0B21F4.

# 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**  
00575A

# Trichromacy



**Original Color**  
0B21F4

**Protanomaly**  
043CBD

**Deuteranomaly**  
043FAE

**Tritanomaly**  
044392

# Monochromacy



**Original Color**  
0B21F4

**Achromatopsia**  
323232

**Achromatomaly**  
242C79

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B21F4 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 #0B21F4 looks like.

```
.text, #text, p{  
    color:#0B21F4  
}
```

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 #0B21F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B21F4
}
```

## Border

The CSS property to change the border of an element to Hex 0B21F4 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
#0B21F4 }
```

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

```
.border{ border-color:#0B21F4 }
```

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

Here you see how a box with a 4 pixel #0B21F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B21F4; -webkit-box-shadow:4px 4px  
4px 4px #0B21F4; box-shadow:4px 4px 4px  
4px #0B21F4 }
```

# Background

The CSS property to change the background color of an element to Hex 0B21F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B21F4 }
```

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

```
.background{ background-color:#0B21F4 }
```

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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