

Converting Colors

Hex(0B91F6)

Have a look what the booklet for
Hex(0B91F6) contains.

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Color

Hex(0B91F6)

Conversions

Conversions Part 1

Format	Color
Hex	0B91F6
RGB	11, 145, 246
RGB Percent	4%, 57%, 96%
CMY	0.9569, 0.4314, 0.0353
CMYK	0.96, 0.41, 0.00, 0.04
HSL	206°, 93%, 50%
HSV	206°, 96%, 96%
XYZ	26.8980, 26.9758, 90.9779
YIQ	116.4480, -112.2850, 3.0030

Conversions

Conversions Part 2

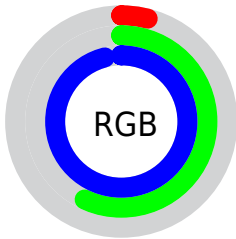
Format	Color
R _Y B	11, 96, 246
Decimal	758262
CIE Lab	58.95, 5.20, -59.15
CIE LCh	59, 59.375, 275.025
Yxy	26.9758, 0.1857, 0.1862
Android (android.graphics.Color)	4278948342 (0xFF0B91F6)
YUV	116.4480, 63.8691, -92.4779
Hunter-Lab	51.9382, 1.5504, -67.4990

Details

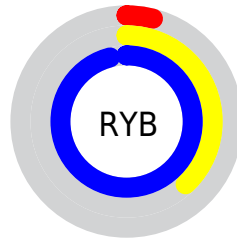
The Hex color **0B91F6** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **F6700B**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **6FC6FF**, and **005FBD** is the 20% darker color. If you saturate the color by 10%, you get **008CF6**, and if you desaturate by 10%, it is **249CF6**.

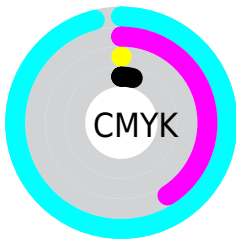
Distribution



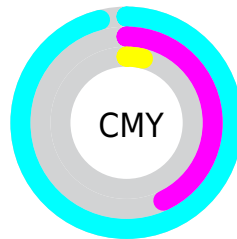
- Red (4%)
- Green (57%)
- Blue (96%)



- Red (4%)
- Yellow (38%)
- Blue (96%)



- Cyan (96%)
- Magenta (41%)
- Yellow (0%)
- Black (4%)




- Cyan (96%)
- Magenta (43%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B91F6 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 0B91F6 by changing the saturation by 10% instead.

 0B91F6

 0B91F6


FFFFFF

 0078D9

 6FC6FF

 005FBD

 91E2FF

 0048A1

 B1FFFF

 003387

 D1FFFF

 00206D

 F0FFFF

 000B54

 00063C

 000225

 00010D

■ 0B91F6

■ 0B91F6

■ 008CF6

■ 249CF6

■ 3CA6F6

■ 55B1F6

■ 6DBBF6

■ 86C6F6

■ 9FD0F6

■ B7DBF6

■ D0E6F6

■ E8F0F6

Harmonies

Analogous

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



009FEC



0B91F6



9B7CE4

Triad

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



0B91F6



E66655



00A360

Complementary

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



0B91F6



F6700B

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.



6A9C31



0B91F6



CB7B2B

Square

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



0B91F6



EB5B87



A08E16



00A795

Rectangle

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



0B91F6



C56DCA



A08E16



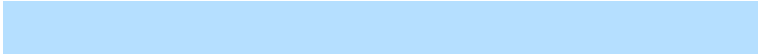
35A14F

Sweetspot

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



0B91F6



B5DFFF



0BF66D



536C80



000000



808080

Same Dimension

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



0B91F6



0091FF



0B1FF6



6E757A



006ABA



00213B

Inverse Universe

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



F60B91



FF0091



F6E20B



7A6E75



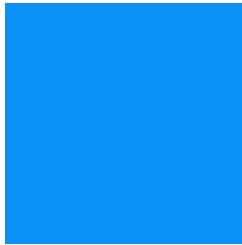
BA006A



3B0021

Previews

White Background



This preview shows how the Hex color 0B91F6 looks on a white background.

Color Contrast Check

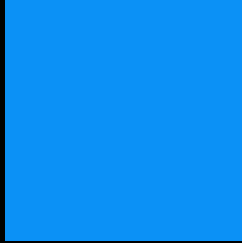
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 0B91F6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

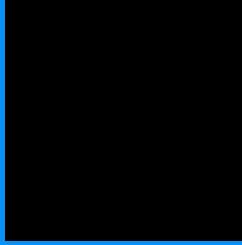
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

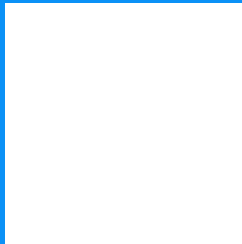
Any Text WCAG AAA × Fail

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

Hex 0B91F6 Background



This preview shows how black text looks on a background with the Hex color 0B91F6.

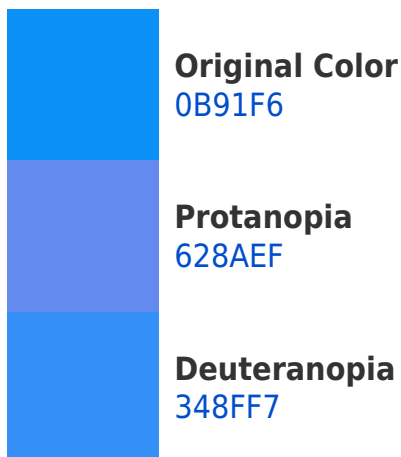


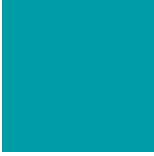
This preview shows how white text looks on a background with the Hex color 0B91F6.

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
009DA7

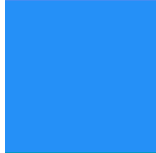
Trichromacy



Original Color
0B91F6



Protanomaly
428DF2



Deuteranomaly
2590F7



Tritanomaly
0499C4

Monochromacy



Original Color
0B91F6



Achromatopsia
747474



Achromatomaly
4E7FA3

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B91F6 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 #0B91F6 looks like.

```
.text, #text, p{  
    color:#0B91F6  
}
```

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 #0B91F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B91F6
}
```

Border

The CSS property to change the border of an element to Hex 0B91F6 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
#0B91F6 }
```

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

```
.border{ border-color:#0B91F6 }
```

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

Here you see how a box with a 4 pixel #0B91F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B91F6; -webkit-box-shadow:4px 4px  
4px 4px #0B91F6; box-shadow:4px 4px 4px  
4px #0B91F6 }
```

Background

The CSS property to change the background color of an element to Hex 0B91F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B91F6 }
```

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

```
.background{ background-color:#0B91F6 }
```

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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