

Converting Colors

Hex(0FB3FF)

Have a look what the booklet for
Hex(0FB3FF) contains.

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Color

Hex(0FB3FF)

Conversions

Conversions Part 1

Format	Color
Hex	0FB3FF
RGB	15, 179, 255
RGB Percent	6%, 70%, 100%
CMY	0.9412, 0.2980, 0.0000
CMYK	0.94, 0.30, 0.00, 0.00
HSL	199°, 100%, 53%
HSV	199°, 94%, 100%
XYZ	34.3671, 39.5618, 100.4326
YIQ	138.6280, -122.1400, -11.1320

Conversions

Conversions Part 2

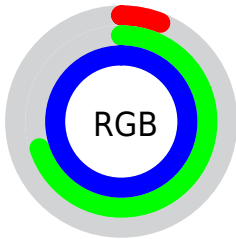
Format	Color
R _Y B	15, 112, 255
Decimal	1029119
CIE Lab	69.16, -10.84, -47.86
CIE LCh	69, 49.078, 257.235
Yxy	39.5618, 0.1971, 0.2269
Android (android.graphics.Color)	4279219199 (0xFF0FB3FF)
YUV	138.6280, 57.3714, -108.4218
Hunter-Lab	62.8981, -12.5406, -50.6426

Details

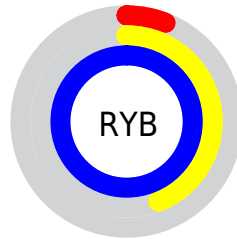
The Hex color **0FB3FF** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle saturated azure. A complement of this color would be **FF5B0F**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **73EBFF**, and **007FC6** is the 20% darker color. If you saturate the color by 10%, you get **00AEFF**, and if you desaturate by 10%, it is **29BBFF**.

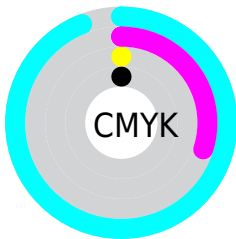
Distribution



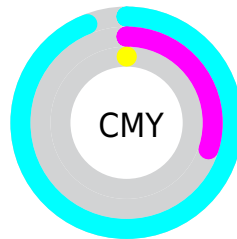
- Red (6%)
- Green (70%)
- Blue (100%)



- Red (6%)
- Yellow (44%)
- Blue (100%)



- Cyan (94%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (94%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0FB3FF 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 0FB3FF by changing the saturation by 10% instead.

 0FB3FF

 0FB3FF

FFFFFF

 0098E2

 73EBFF

 007FC6

 95FFFF

 0066AA

 B6FFFF

 004E8F

 D6FFFF

 003875

 F5FFFF

 00235C

 000844

 00032D

 000117

 0FB3FF

 0FB3FF

 00AEFF

 29BBFF

 42C3FF

 5CCBFF

 75D3FF

 8FDBFF

 A8E3FF

 C2ECFF

 DBF4FF

 F5FCFF

Harmonies

Analogous

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



00BCE9



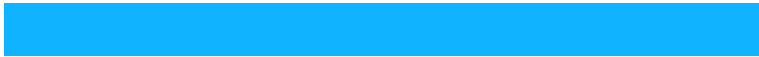
0FB3FF



8DA5FE

Triad

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



0FB3FF



FD8591



78B96A

Complementary

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



0FB3FF



FF5B0F

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.



AAAE51



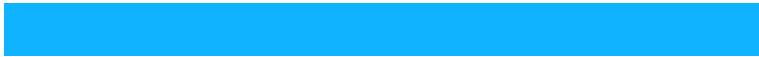
0FB3FF



F19069

Square

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



0FB3FF



F286BE



D4A051



29BE94

Rectangle

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



0FB3FF



BB99F0



D4A051



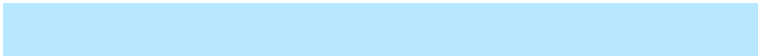
8AB65F

Sweetspot

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



0FB3FF



B8E8FF



0FFF5B



547280



000000



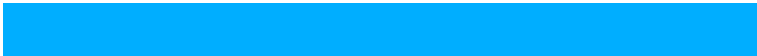
808080

Same Dimension

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



0FB3FF



00AEFF



0F3BFF



737B80



0083BF



002C40

Inverse Universe

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



FF0FB3



FF00AE



FFD30F



80737B



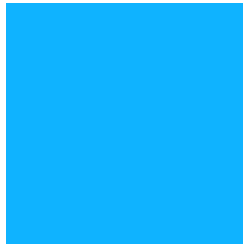
BF0083



40002C

Previews

White Background



This preview shows how the Hex color 0FB3FF looks on a white background.

Color Contrast Check

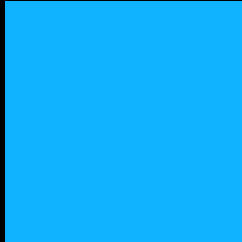
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 0FB3FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

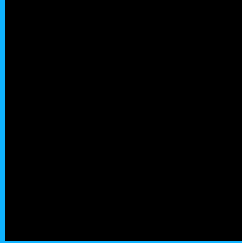
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

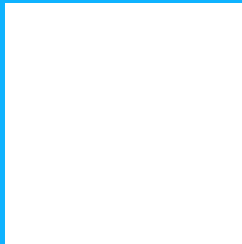
Any Text WCAG AAA ✓ Pass

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

Hex 0FB3FF Background



This preview shows how black text looks on a background with the Hex color 0FB3FF.

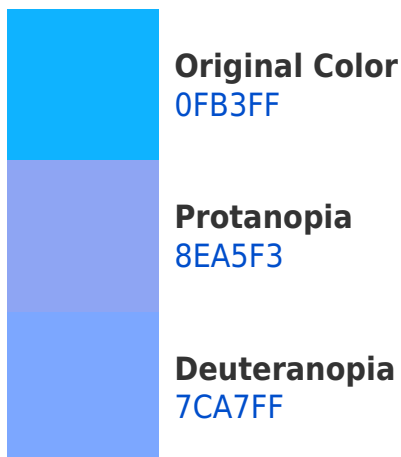


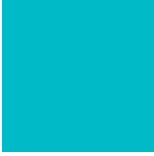
This preview shows how white text looks on a background with the Hex color 0FB3FF.

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](#).

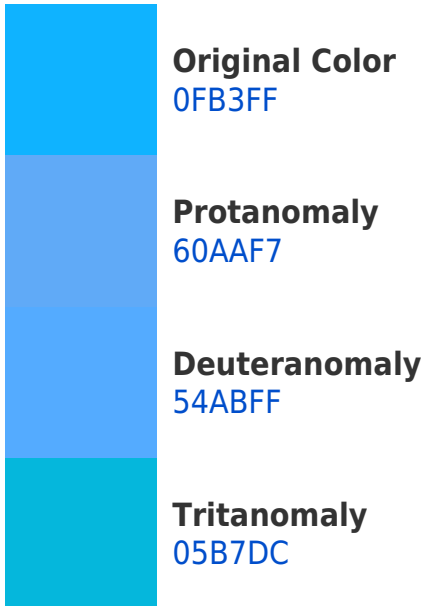
Dichromacy





Tritanopia
00BAC8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0FB3FF 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 #0FB3FF looks like.

```
.text, #text, p{  
    color:#0FB3FF  
}
```

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 #0FB3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FB3FF
}
```

Border

The CSS property to change the border of an element to Hex 0FB3FF 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
#0FB3FF }
```

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

```
.border{ border-color:#0FB3FF }
```

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

Here you see how a box with a 4 pixel #0FB3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FB3FF; -webkit-box-shadow:4px 4px  
4px 4px #0FB3FF; box-shadow:4px 4px 4px  
4px #0FB3FF }
```

Background

The CSS property to change the background color of an element to Hex 0FB3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FB3FF }
```

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

```
.background{ background-color:#0FB3FF }
```

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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