

Converting Colors

Hex(0FB7F0)

Have a look what the booklet for
Hex(0FB7F0) contains.

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Color

Hex(0FB7F0)

Conversions

Conversions Part 1

Format	Color
Hex	0FB7F0
RGB	15, 183, 240
RGB Percent	6%, 72%, 94%
CMY	0.9412, 0.2824, 0.0588
CMYK	0.94, 0.24, 0.00, 0.06
HSL	195°, 88%, 50%
HSV	195°, 94%, 94%
XYZ	32.8587, 40.2598, 88.4772
YIQ	139.2660, -118.4250, -17.8890

Conversions

Conversions Part 2

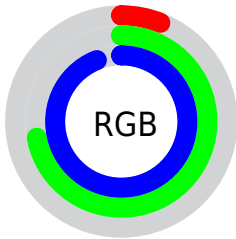
Format	Color
R _Y B	15, 111, 240
Decimal	1030128
CIE Lab	69.65, -18.28, -38.95
CIE LCh	70, 43.029, 244.860
Yxy	40.2598, 0.2033, 0.2491
Android (android.graphics.Color)	4279220208 (0xFF0FB7F0)
YUV	139.2660, 49.6619, -108.9813
Hunter-Lab	63.4506, -18.6002, -38.2601

Details

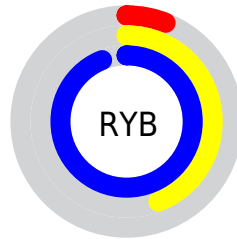
The Hex color **0FB7F0** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **F0480F**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **70EFFF**, and **0082B8** is the 20% darker color. If you saturate the color by 10%, you get **00B3F0**, and if you desaturate by 10%, it is **27BDF0**.

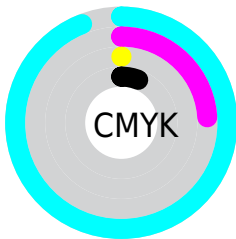
Distribution



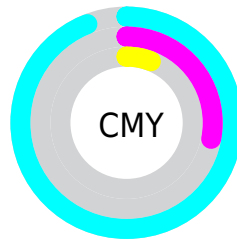
- Red (6%)
- Green (72%)
- Blue (94%)



- Red (6%)
- Yellow (44%)
- Blue (94%)



- Cyan (94%)
- Magenta (24%)
- Yellow (0%)
- Black (6%)



- Cyan (94%)
- Magenta (28%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0FB7F0 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 0FB7F0 by changing the saturation by 10% instead.

 0FB7F0

 0FB7F0

FFFFFF

 009CD4

 70EFFF

 0082B8

 92FFFF

 00699D

 B2FFFF

 005182

 D2FFFF

 003A69

 F1FFFF

 002450

 000539

 000223

 000009

■ 0FB7F0

■ 0FB7F0

■ 00B3F0

■ 27BDF0

■ 3FC3F0

■ 57C9F0

■ 6FCFF0

■ 87D5F0

■ 9FDBF0

■ B7E2F0

■ CFE8F0

■ E7EEF0

Harmonies

Analogous

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



00BDD6



0FB7F0



78ACF8

Triad

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



0FB7F0



F48BA5



93B568

Complementary

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



0FB7F0



F0480F

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.



BDAA5B



0FB7F0



F29080

Square

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



0FB7F0



E090CC



DE9C64



62BC88

Rectangle

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



0FB7F0



A4A3F1



DE9C64



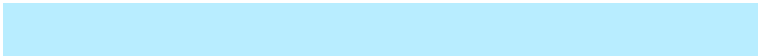
A2B261

Sweetspot

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



0FB7F0



B8EDFF



0FF047



547580



000000



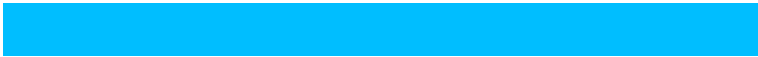
808080

Same Dimension

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



0FB7F0



00BEFF



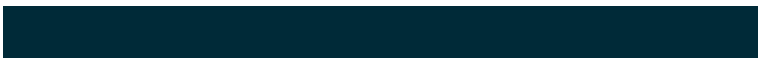
0F47F0



6C7578



0089B8



002A38

Inverse Universe

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



F00FB7



FF00BE



F0B80F



786C75



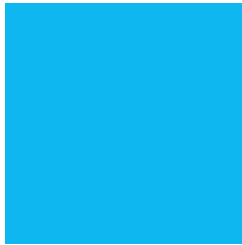
B80089



38002A

Previews

White Background



This preview shows how the Hex color 0FB7F0 looks on a white background.

Color Contrast Check

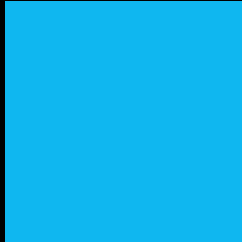
Large Text (above 18pt) WCAG AA × Fail

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 0FB7F0 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 0FB7F0 Background



This preview shows how black text looks on a background with the Hex color 0FB7F0.

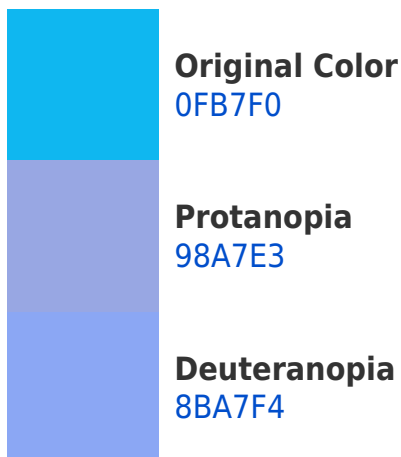


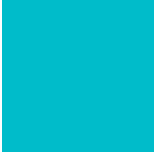
This preview shows how white text looks on a background with the Hex color 0FB7F0.

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
00BCCA

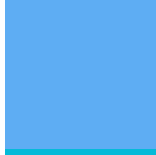
Trichromacy



Original Color
0FB7F0



Protanomaly
66ADE8



Deuteranomaly
5EADF3



Tritanomaly
05BAD8

Monochromacy



Original Color
0FB7F0



Achromatopsia
8B8B8B



Achromatomaly
5E9BB0

CSS Examples

Text

The CSS property to change the color of the text to Hex 0FB7F0 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 #0FB7F0 looks like.

```
.text, #text, p{  
    color:#0FB7F0  
}
```

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 #0FB7F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FB7F0
}
```

Border

The CSS property to change the border of an element to Hex 0FB7F0 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
#0FB7F0 }
```

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

```
.border{ border-color:#0FB7F0 }
```

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

Here you see how a box with a 4 pixel #0FB7F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FB7F0; -webkit-box-shadow:4px 4px  
4px 4px #0FB7F0; box-shadow:4px 4px 4px  
4px #0FB7F0 }
```

Background

The CSS property to change the background color of an element to Hex 0FB7F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FB7F0 }
```

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

```
.background{ background-color:#0FB7F0 }
```

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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