

Converting Colors

Hex(0BC4F7)

Have a look what the booklet for
Hex(0BC4F7) contains.

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Color

Hex(0BC4F7)

Conversions

Conversions Part 1

Format	Color
Hex	0BC4F7
RGB	11, 196, 247
RGB Percent	4%, 77%, 97%
CMY	0.9569, 0.2314, 0.0314
CMYK	0.96, 0.21, 0.00, 0.03
HSL	193°, 94%, 51%
HSV	193°, 96%, 97%
XYZ	36.6664, 46.2664, 94.9935
YIQ	146.4990, -126.6310, -23.3590

Conversions

Conversions Part 2

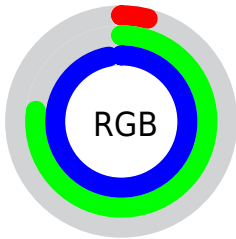
Format	Color
RYB	11, 115, 247
Decimal	771319
CIELab	73.72, -22.73, -36.42
CIELCh	74, 42.933, 238.027
Yxy	46.2664, 0.2061, 0.2600
Android (android.graphics.Color)	4278961399 (0xFF0BC4F7)
YUV	146.4990, 49.5470, -118.8326
Hunter-Lab	68.0194, -22.8120, -35.1887

Details

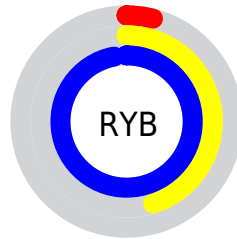
The Hex color **0BC4F7** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **F73E0B**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **72FDFF**, and **008EBE** is the 20% darker color. If you saturate the color by 10%, you get **00C2F7**, and if you desaturate by 10%, it is **24C9F7**.

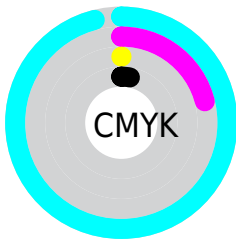
Distribution



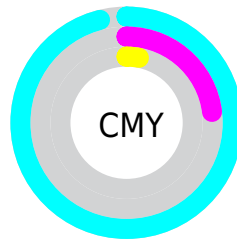
- Red (4%)
- Green (77%)
- Blue (97%)



- Red (4%)
- Yellow (45%)
- Blue (97%)



- Cyan (96%)
- Magenta (21%)
- Yellow (0%)
- Black (3%)



- Cyan (96%)
- Magenta (23%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0BC4F7 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 0BC4F7 by changing the saturation by 10% instead.

 0BC4F7

 0BC4F7

FFFFFF

 00A9DA


 72FDFF

 008EBE

 94FFFF

 0074A3

 B5FFFF

 005C89

 D5FFFF

 00446F

 F4FFFF

 002D56

 00193F

 000328

 000112

 0BC4F7

 0BC4F7

 00C2F7

 24C9F7

 3CCFF7

 55D4F7

 6ED9F7

 87DFF7

 9FE4F7

 B8E9F7

 D1EFF7

 E9F4F7

Harmonies

Analogous

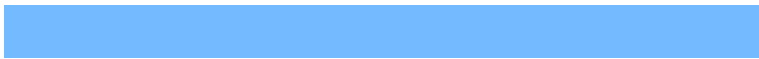
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



00C9D9



0BC4F7



74BAFF

Triad

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



0BC4F7



FD96B9



A8BE6E

Complementary

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



0BC4F7



F73E0B

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.



D1B265



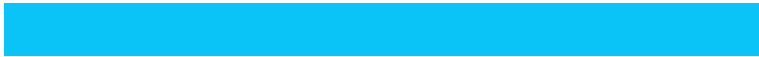
0BC4F7



FF9992

Square

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



0BC4F7



E49EDF



F0A473



79C68A

Rectangle

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



0BC4F7



A1B1FF



F0A473



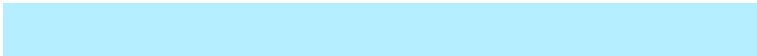
B7BA69

Sweetspot

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



0BC4F7



B5EFFF



0BF73A



537680



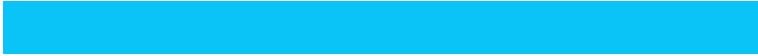
000000



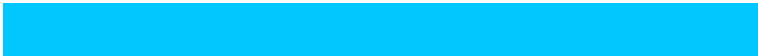
808080

Same Dimension

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



0BC4F7



00C8FF



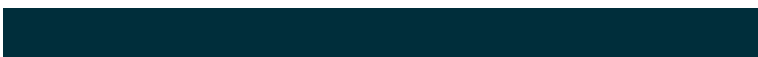
0B52F7



6E787A



0092BA



002E3B

Inverse Universe

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



F70BC4



FF00C8



F7B00B



7A6E78



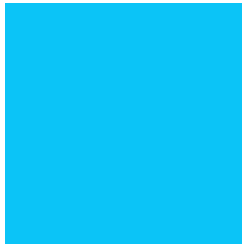
BA0092



3B002E

Previews

White Background



This preview shows how the Hex color 0BC4F7 looks on a white background.

Color Contrast Check

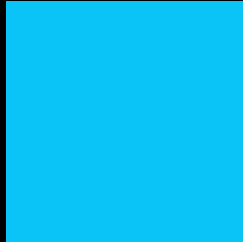
Large Text (above 18pt) WCAG AA × Fail

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 0BC4F7 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 0BC4F7 Background



This preview shows how black text looks on a background with the Hex color 0BC4F7.

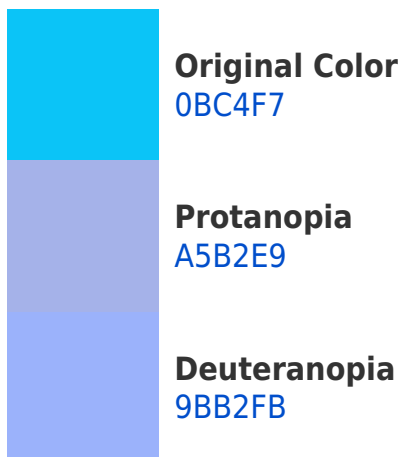


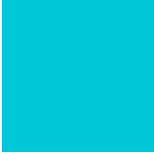
This preview shows how white text looks on a background with the Hex color 0BC4F7.

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
00C8D7

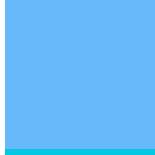
Trichromacy



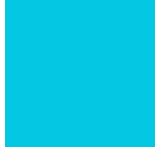
Original Color
0BC4F7



Protanomaly
6DB9EE



Deuteranomaly
67B9FA



Tritanomaly
04C7E3

Monochromacy



Original Color
0BC4F7



Achromatopsia
929292



Achromatomaly
61A4B7

CSS Examples

Text

The CSS property to change the color of the text to Hex 0BC4F7 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 #0BC4F7 looks like.

```
.text, #text, p{  
    color:#0BC4F7  
}
```

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 #0BC4F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BC4F7
}
```

Border

The CSS property to change the border of an element to Hex 0BC4F7 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
#0BC4F7 }
```

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

```
.border{ border-color:#0BC4F7 }
```

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

Here you see how a box with a 4 pixel #0BC4F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BC4F7; -webkit-box-shadow:4px 4px  
4px 4px #0BC4F7; box-shadow:4px 4px 4px  
4px #0BC4F7 }
```

Background

The CSS property to change the background color of an element to Hex 0BC4F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BC4F7 }
```

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

```
.background{ background-color:#0BC4F7 }
```

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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