

Converting Colors

Hex(0BBFFF)

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

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Color

Hex(0BBFFF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 0BBFFF |
| RGB | 11, 191, 255 |
| RGB Percent | 4%, 75%, 100% |
| CMY | 0.9569, 0.2510, 0.0000 |
| CMYK | 0.96, 0.25, 0.00, 0.00 |
| HSL | 196°, 100%, 52% |
| HSV | 196°, 96%, 100% |
| XYZ | 36.8188, 44.5528, 101.2667 |
| YIQ | 144.4760, -127.8240, -18.2560 |

Conversions

Conversions Part 2

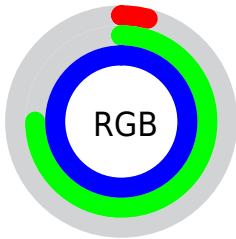
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 11, 115, 255 |
| Decimal | 770047 |
| CIE Lab | 72.60, -17.40, -42.47 |
| CIE LCh | 73, 45.895, 247.727 |
| Yxy | 44.5528, 0.2016, 0.2439 |
| Android (android.graphics.Color) | 4278960127 (0xFF0BBFFF) |
| YUV | 144.4760, 54.4883, -117.0585 |
| Hunter-Lab | 66.7478, -18.3463, -43.2285 |

Details

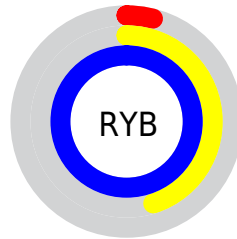
The Hex color **0BBFFF** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **FF4B0B**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **73F7FF**, and **008AC6** is the 20% darker color. If you saturate the color by 10%, you get **00BCFF**, and if you desaturate by 10%, it is **24C6FF**.

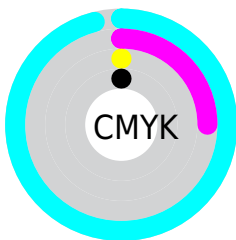
Distribution



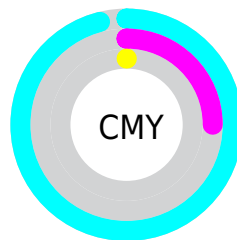
- Red (4%)
- Green (75%)
- Blue (100%)



- Red (4%)
- Yellow (45%)
- Blue (100%)



- Cyan (96%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (96%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 0BBFFF

 0BBFFF

FFFFFF

 00A4E2

 73F7FF

 008AC6

 95FFFF

 0070AA

 B6FFFF

 005890

 D6FFFF

 004076

 F6FFFF


 002B5D

 001545

 00032E

 000118

 0BBFFF


 0BBFFF


 00BCFF

 24C6FF

 3ECCFF

 58D3FF

 71DAFF

 8BE0FF

 A4E7FF

 BEEEFF

 D7F5FF

 F1FBFF

Harmonies

Analogous

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



00C6E4



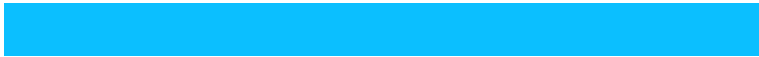
0BBFFF



83B3FF

Triad

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



0BBFFF



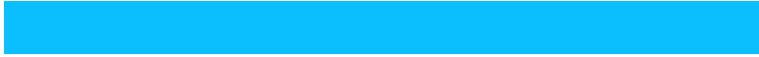
FF90A9



95BF6E

Complementary

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



0BBFFF



FF4B0B

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.



C2B35D



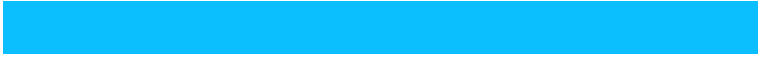
0BBFFF



FD9781

Square

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



0BBFFF



EF95D3



E6A565



5DC691

Rectangle

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



0BBFFF



B1A8FC



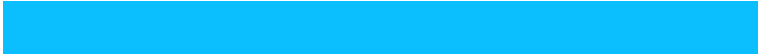
E6A565



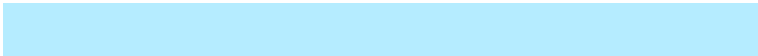
A5BB66

Sweetspot

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



0BBFFF



B5ECFF



0BFF48



537480



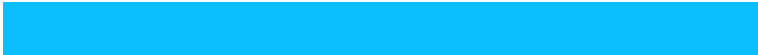
000000



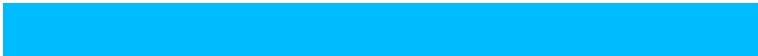
808080

Same Dimension

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



0BBFFF



00BCFF



0B48FF



737C80



008DBF



002F40

Inverse Universe

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



FF0BBF



FF00BC



FFC20B



80737C



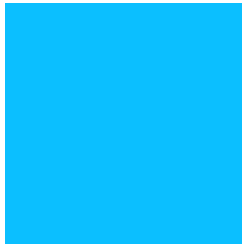
BF008D



40002F

Previews

White Background



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

Color Contrast Check

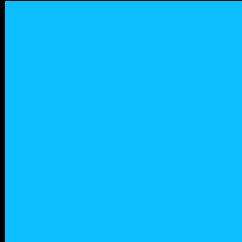
Large Text (above 18pt) WCAG AA × Fail

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 0BBFFF 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

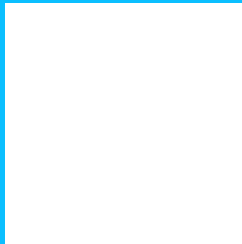
Any Text WCAG AAA ✓ Pass

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

Hex 0BBFFF Background



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

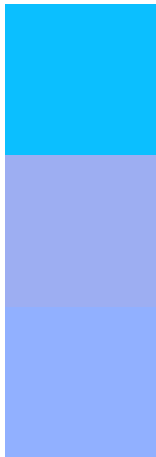


This preview shows how white text looks on a background with the Hex color 0BBFFF.

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](#).

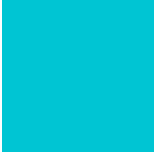
Dichromacy



Original Color
0BBFFF

Protanopia
9DAEF2

Deuteranopia
91B0FF



Tritanopia
00C5D3

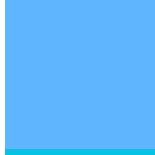
Trichromacy



Original Color
0BBFFF



Protanomaly
68B4F7



Deuteranomaly
60B5FF



Tritanomaly
04C3E3

Monochromacy



Original Color
0BBFFF



Achromatopsia
909090



Achromatomaly
60A1B8

CSS Examples

Text

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

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

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 #0BBFFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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