

Converting Colors

Hex(0BDFFF)

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

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Color

Hex(0BDFFF)

Conversions

Conversions Part 1

Format	Color
Hex	0BDFFF
RGB	11, 223, 255
RGB Percent	4%, 87%, 100%
CMY	0.9569, 0.1255, 0.0000
CMYK	0.96, 0.13, 0.00, 0.00
HSL	188°, 100%, 52%
HSV	188°, 96%, 100%
XYZ	44.5757, 60.0665, 103.8524
YIQ	163.2600, -136.6240, -34.9920

Conversions

Conversions Part 2

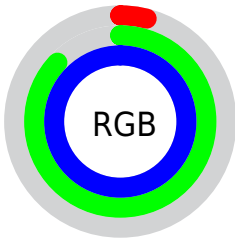
Format	Color
R _Y B	11, 124, 255
Decimal	778239
CIE Lab	81.87, -33.40, -28.12
CIE LCh	82, 43.665, 220.094
Yxy	60.0665, 0.2138, 0.2881
Android (android.graphics.Color)	4278968319 (0xFF0BDFFF)
YUV	163.2600, 45.2278, -133.5320
Hunter-Lab	77.5026, -32.9651, -25.1959

Details

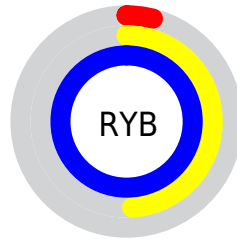
The Hex color **0BDFFF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **FF2B0B**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **76FFFF**, and **00A7C6** is the 20% darker color. If you saturate the color by 10%, you get **00DEFF**, and if you desaturate by 10%, it is **24E2FF**.

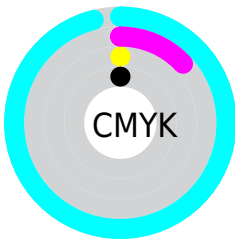
Distribution



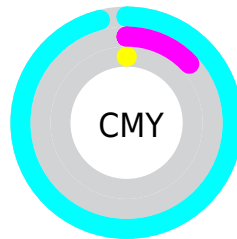
- Red (4%)
- Green (87%)
- Blue (100%)



- Red (4%)
- Yellow (49%)
- Blue (100%)



- Cyan (96%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (96%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 0BDFFF

 0BDFFF

FFFFFF

 00C3E2

 76FFFF

 00A7C6

 99FFFF

 008DAB

 BAffff

 007390

 DBFFFF

 005A77

 FBFFFF

 00425E

 002B46

 001030

 00011A

 0BDFFF


 0BDFFF


 00DEFF

 24E2FF

 3EE6FF

 58E9FF

 71ECFF

 8BF0FF

 A4F3FF

 BEF6FF

 D7FAFF

 F1FDFF

Harmonies

Analogous

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



3BE2D8



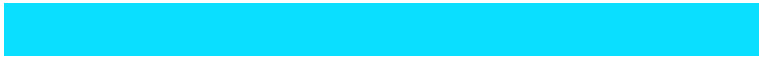
0BDFFF



5ED7FF

Triad

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



0BDFFF



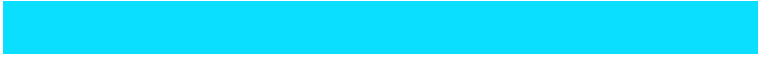
FFAFE8



D9CE7A

Complementary

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



0BDFFF



FF2B0B

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.



FEC07F



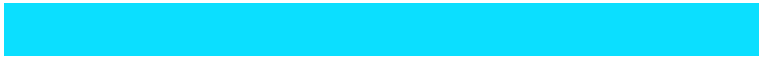
0BDFFF



FFACBF

Square

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



0BDFFF



E2BCFF



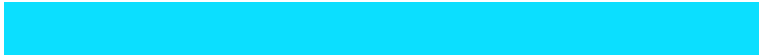
FFB299



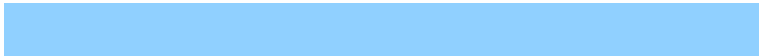
ACD98B

Rectangle

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



0BDFFF



90D0FF



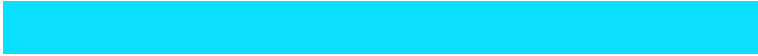
FFB299



E6C979

Sweetspot

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



0BDFFF



B5F5FF



0BFF27



537A80



000000



808080

Same Dimension

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



0BDFFF



00DEFF



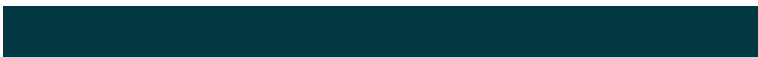
0B69FF



737E80



00A6BF



003740

Inverse Universe

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



FF0BDF



FF00DE



FFA10B



80737E



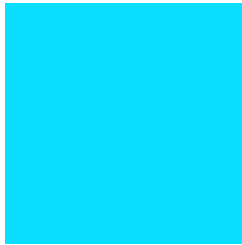
BF00A6



400037

Previews

White Background



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

Color Contrast Check

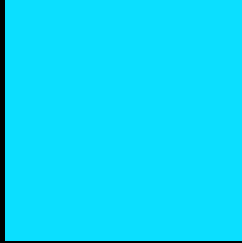
Large Text (above 18pt) WCAG AA × Fail

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 0BDFFF 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 0BDFFF Background



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

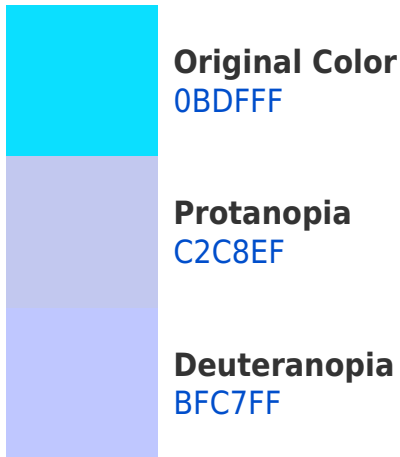


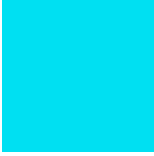
This preview shows how white text looks on a background with the Hex color 0BDFFF.

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
00E0F2

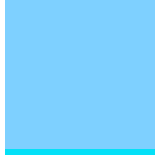
Trichromacy



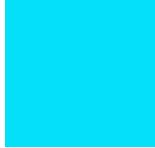
Original Color
0BDFFF



Protanomaly
7FD0F5



Deuteranomaly
7ED0FF



Tritanomaly
04E0F7

Monochromacy



Original Color
0BDFFF



Achromatopsia
A3A3A3



Achromatomaly
6CB9C4

CSS Examples

Text

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

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

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 #0BDFFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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