

Converting Colors

Hex(0ABDFF)

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

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Color

Hex(0ABDFF)

Conversions

Conversions Part 1

Format	Color
Hex	0ABDFF
RGB	10, 189, 255
RGB Percent	4%, 74%, 100%
CMY	0.9608, 0.2588, 0.0000
CMYK	0.96, 0.26, 0.00, 0.00
HSL	196°, 100%, 52%
HSV	196°, 96%, 100%
XYZ	36.3728, 43.6797, 101.1217
YIQ	143.0030, -127.8700, -17.4220

Conversions

Conversions Part 2

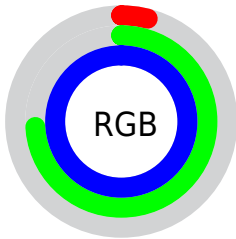
Format	Color
RYB	10, 113, 255
Decimal	703999
CIELab	72.01, -16.36, -43.38
CIELCh	72, 46.365, 249.335
Yxy	43.6797, 0.2008, 0.2411
Android (android.graphics.Color)	4278894079 (0xFF0ABDFF)
YUV	143.0030, 55.2145, -116.6436
Hunter-Lab	66.0906, -17.4217, -44.4530

Details

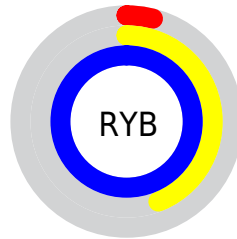
The Hex color **0ABDFF** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **FF4C0A**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **73F5FF**, and **0088C6** is the 20% darker color. If you saturate the color by 10%, you get **00BAFF**, and if you desaturate by 10%, it is **23C4FF**.

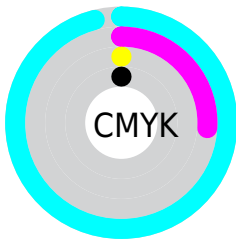
Distribution



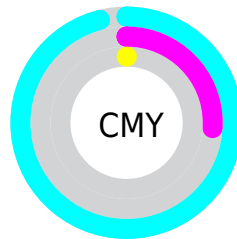
- Red (4%)
- Green (74%)
- Blue (100%)



- Red (4%)
- Yellow (44%)
- Blue (100%)



- Cyan (96%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (96%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 0ABDFF

 0ABDFF

FFFFFF

 00A2E2

 73F5FF

 0088C6

 95FFFF

 006EAA

 B6FFFF

 005690

 D6FFFF

 003F76

 F6FFFF

 00295D

 001345

 00032E

 000118

 0ABDFF

 0ABDFF

 00BAFF

 23C4FF

 3DCBFF

 57D2FF

 70D8FF

 8ADFFF

 A3E6FF

 BDEDFF

 D6F4FF

 F0FBFF

Harmonies

Analogous

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



00C4E5



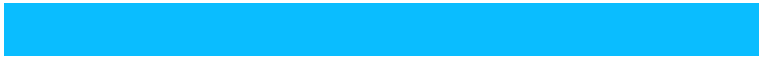
0ABDFF



85B0FF

Triad

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



0ABDFF



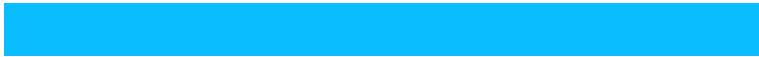
FF8EA5



90BE6D

Complementary

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



0ABDFE



FF4C0A

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.



BEB25B



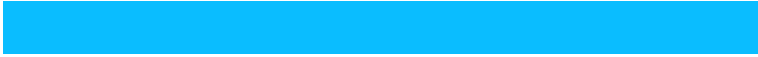
0ABDFF



FB957D

Square

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



0ABDFF



F092CF



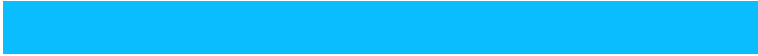
E3A461



57C491

Rectangle

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



0ABDFE



B3A6FA



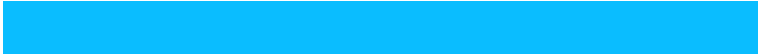
E3A461



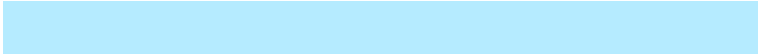
A0BA64

Sweetspot

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



0ABDFF



B5EBFF



0AFF4B



537380



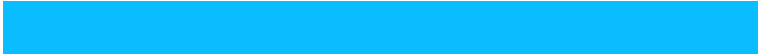
000000



808080

Same Dimension

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



0ABDFE



00BAFF



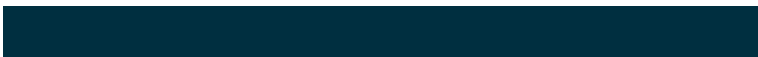
0A43FF



737C80



008CBF



002F40

Inverse Universe

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



FF0ABD



FF00BA



FFC60A



80737C



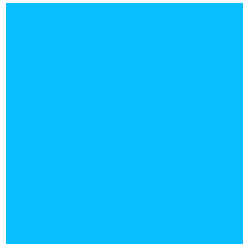
BF008C



40002F

Previews

White Background



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

Color Contrast Check

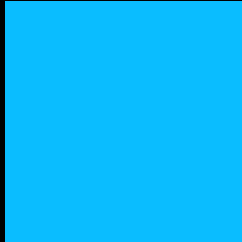
Large Text (above 18pt) WCAG AA × Fail

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 0ABDFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

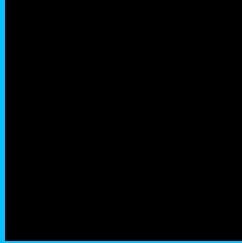
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

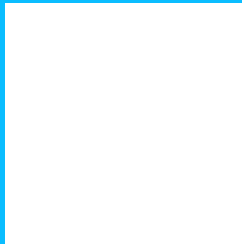
Any Text WCAG AAA ✓ Pass

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

Hex 0ABDFF Background



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

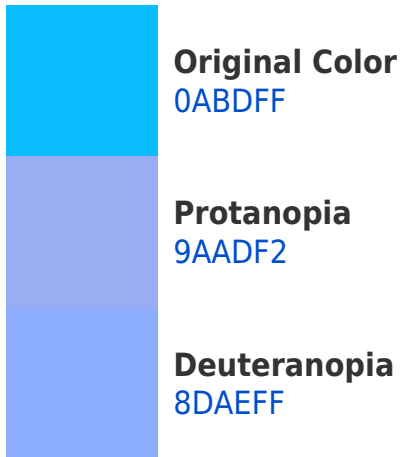


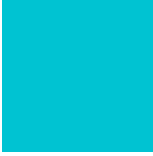
This preview shows how white text looks on a background with the Hex color 0ABDFF.

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
00C3D2

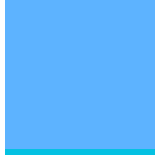
Trichromacy



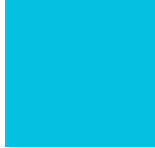
Original Color
0ABDFF



Protanomaly
66B3F7



Deuteranomaly
5DB3FF



Tritanomaly
04C1E2

Monochromacy



Original Color
0ABDFF



Achromatopsia
8F8F8F



Achromatomaly
5FA0B8

CSS Examples

Text

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

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

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 #0ABDFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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