

Converting Colors

Hex(1AC3FF)

Have a look what the booklet for
Hex(1AC3FF) contains.

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Color

Hex(1AC3FF)

Conversions

Conversions Part 1

Format	Color
Hex	1AC3FF
RGB	26, 195, 255
RGB Percent	10%, 76%, 100%
CMY	0.8980, 0.2353, 0.0000
CMYK	0.90, 0.24, 0.00, 0.00
HSL	196°, 100%, 55%
HSV	196°, 90%, 100%
XYZ	37.9911, 46.4698, 101.5750
YIQ	151.3090, -119.9840, -17.1680

Conversions

Conversions Part 2

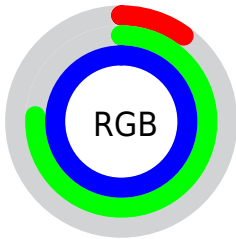
Format	Color
R _{YB}	26, 123, 255
Decimal	1754111
CIE Lab	73.85, -18.97, -40.51
CIE LCh	74, 44.730, 244.909
Yxy	46.4698, 0.2042, 0.2498
Android (android.graphics.Color)	4279944191 (0xFF1AC3FF)
YUV	151.3090, 51.1197, -109.8960
Hunter-Lab	68.1688, -19.8156, -40.6270

Details

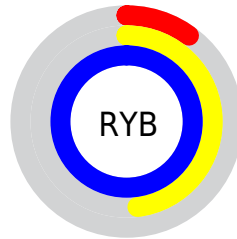
The Hex color **1AC3FF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF561A**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **77FCFF**, and **008DC6** is the 20% darker color. If you saturate the color by 10%, you get **00BCFF**, and if you desaturate by 10%, it is **33CAFF**.

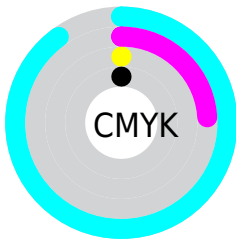
Distribution



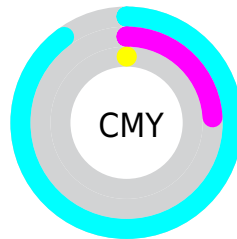
- Red (10%)
- Green (76%)
- Blue (100%)



- Red (10%)
- Yellow (48%)
- Blue (100%)



- Cyan (90%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (90%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1AC3FF 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 1AC3FF by changing the saturation by 10% instead.

 1AC3FF

 1AC3FF

FFFFFF

 00A8E2

 77FCFF

 008DC6

 99FFFF

 0074AB

 B9FFFF

 005B90

 D9FFFF

 004476

 F9FFFF

 002D5D

 001A45

 00042E

 000118

 1AC3FF

 1AC3FF

 00BCFF

 33CAFF

 4DD0FF

 66D7FF

 80DEFF

 99E4FF

 B3EBFF

 CCF2FF

 E6F8FF

FFFFFF

Harmonies

Analogous

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



00CAE3



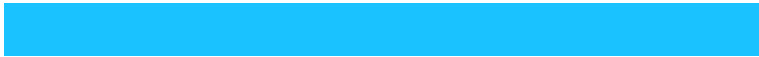
1AC3FF



81B7FF

Triad

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



1AC3FF



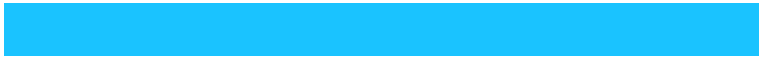
FF94B0



9DC170

Complementary

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



1AC3FF



FF561A

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.



C9B562



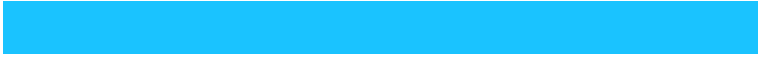
1AC3FF



FF9A89

Square

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



1AC3FF



EE9AD9



ECA76C



69C891

Rectangle

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



1AC3FF



AFADFF



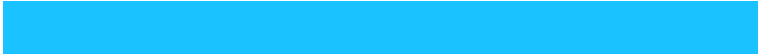
ECA76C



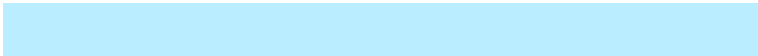
ADBD69

Sweetspot

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



1AC3FF



BAEDFF



1AFF53



577580



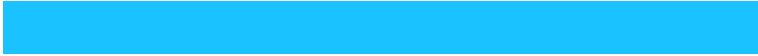
000000



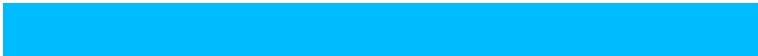
808080

Same Dimension

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



1AC3FF



00BCFF



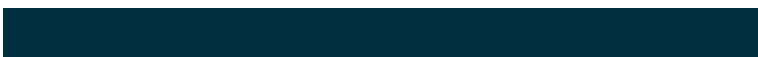
1A53FF



737C80



008DBF



002F40

Inverse Universe

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



FF1AC3



FF00BC



FFC61A



80737C



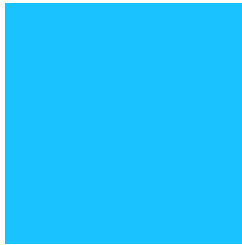
BF008D



40002F

Previews

White Background



This preview shows how the Hex color 1AC3FF looks on a white background.

Color Contrast Check

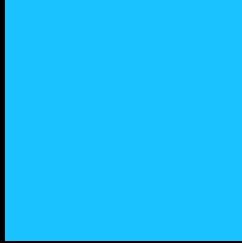
Large Text (above 18pt) WCAG AA × Fail

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 1AC3FF 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

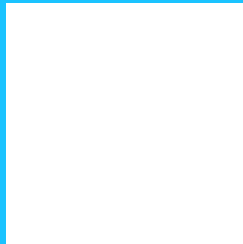
Any Text WCAG AAA ✓ Pass

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

Hex 1AC3FF Background



This preview shows how black text looks on a background with the Hex color 1AC3FF.

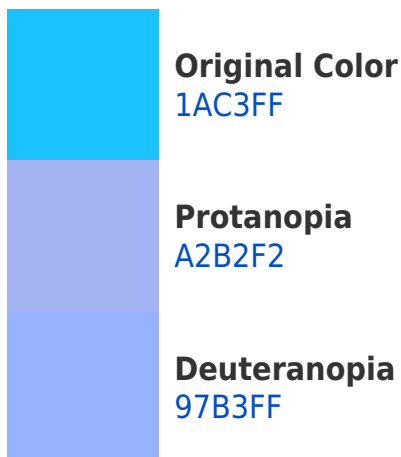


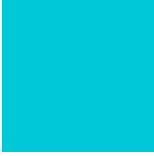
This preview shows how white text looks on a background with the Hex color 1AC3FF.

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
00C8D8

Trichromacy



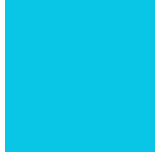
Original Color
1AC3FF



Protanomaly
71B8F7



Deuteranomaly
6AB9FF



Tritanomaly
09C6E6

Monochromacy



Original Color
1AC3FF



Achromatopsia
979797



Achromatomaly
6AA7BD

CSS Examples

Text

The CSS property to change the color of the text to Hex 1AC3FF 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 #1AC3FF looks like.

```
.text, #text, p{  
    color:#1AC3FF  
}
```

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 #1AC3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AC3FF
}
```

Border

The CSS property to change the border of an element to Hex 1AC3FF 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
#1AC3FF }
```

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

```
.border{ border-color:#1AC3FF }
```

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

Here you see how a box with a 4 pixel #1AC3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AC3FF; -webkit-box-shadow:4px 4px  
4px 4px #1AC3FF; box-shadow:4px 4px 4px  
4px #1AC3FF }
```

Background

The CSS property to change the background color of an element to Hex 1AC3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AC3FF }
```

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

```
.background{ background-color:#1AC3FF }
```

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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