

# Converting Colors

Hex(1AE4FF)

Have a look what the booklet for  
Hex(1AE4FF) contains.

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# Color

Hex(1AE4FF)

# Conversions

## Conversions Part 1

Format	Color
Hex	1AE4FF
RGB	26, 228, 255
RGB Percent	10%, 89%, 100%
CMY	0.8980, 0.1059, 0.0000
CMYK	0.90, 0.11, 0.00, 0.00
HSL	187°, 100%, 55%
HSV	187°, 90%, 100%
XYZ	46.2194, 62.9264, 104.3177
YIQ	170.6800, -129.0590, -34.4270

# Conversions

## Conversions Part 2

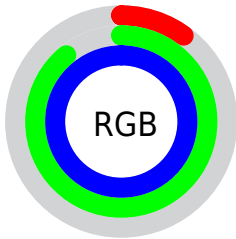
Format	Color
R <sub>Y</sub> B	26, 133, 255
Decimal	1762559
CIE Lab	83.40, -35.28, -25.78
CIE LCh	83, 43.693, 216.158
Yxy	62.9264, 0.2165, 0.2948
Android (android.graphics.Color)	4279952639 (0xFF1AE4FF)
YUV	170.6800, 41.5698, -126.8844
Hunter-Lab	79.3262, -34.8178, -22.4409

# Details

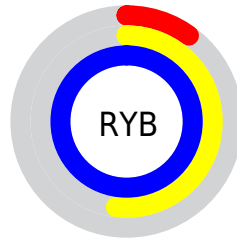
The Hex color **1AE4FF** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **FF351A**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **7AFFFF**, and **00ACC6** is the 20% darker color. If you saturate the color by 10%, you get **00E1FF**, and if you desaturate by 10%, it is **33E7FF**.

# Distribution



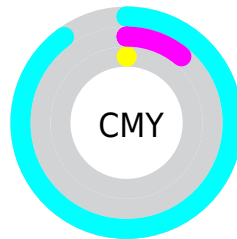
- Red (10%)
- Green (89%)
- Blue (100%)



- Red (10%)
- Yellow (52%)
- Blue (100%)



- Cyan (90%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (90%)
- Magenta (11%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1AE4FF 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 1AE4FF by changing the saturation by 10% instead.



 1AE4FF

 1AE4FF

FFFFFF

 00C8E2

 7AFFFF

 00ACC6

 9CFFFF

 0091AB

 BDFFFF

 007790

 DEFFFF

 005E77

FEFFFF

 00455E

 002E46

 001630

 00011B

 1AE4FF

 1AE4FF

 00E1FF

 33E7FF

 4DEAFF

 66EDFF

 80F0FF

 99F3FF

 B3F6FF

 CCF9FF

 E6FCFF

FFFFFF

# Harmonies

## Analogous

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



4AE6D7



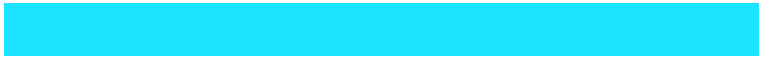
1AE4FF



59DDFF

# Triad

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



1AE4FF



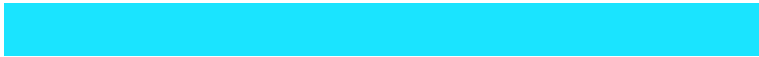
FFB5F2



E3D07D

# Complementary

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



1AE4FF



FF351A

# 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.



FFC285



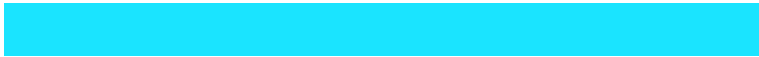
1AE4FF



FFB0C9

# Square

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



1AE4FF



E0C2FF



FFB5A1



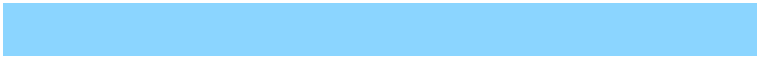
B6DC8C

# Rectangle

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



1AE4FF



8BD5FF



FFB5A1

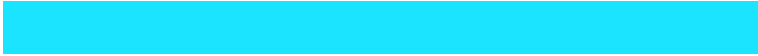


F0CC7D

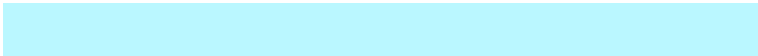


# Sweetspot

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



1AE4FF



BAF7FF



1AFF35



577B80



000000

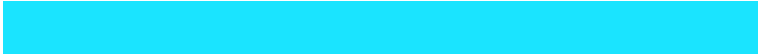


808080

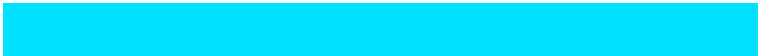


# Same Dimension

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



1AE4FF



00E1FF



1A72FF



737E80



00A9BF



003840



# Inverse Universe

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



FF1AE4



FF00E1



FFA71A



80737E



BF00A9

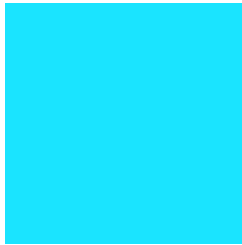


400038



# Previews

## White Background



This preview shows how the Hex color 1AE4FF looks on a white background.

## Color Contrast Check

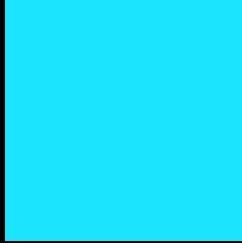
Large Text (above 18pt) WCAG AA × Fail

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 1AE4FF 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 1AE4FF Background



This preview shows how black text looks on a background with the Hex color 1AE4FF.

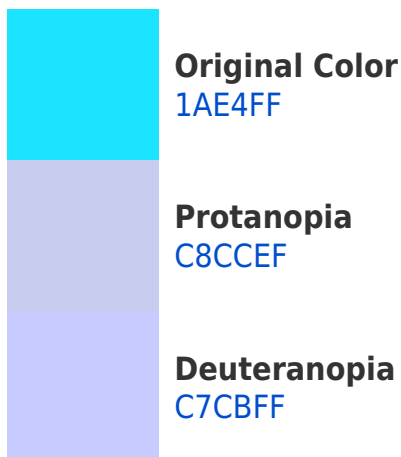


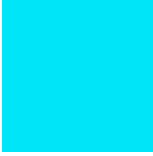
This preview shows how white text looks on a background with the Hex color 1AE4FF.

# 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



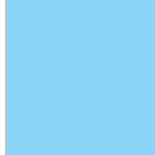


**Tritanopia**  
00E5F8

# Trichromacy



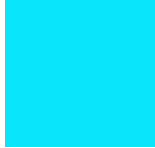
**Original Color**  
1AE4FF



**Protanomaly**  
89D5F5



**Deuteranomaly**  
88D4FF

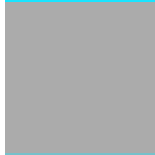


**Tritanomaly**  
09E5FB

# Monochromacy



**Original Color**  
1AE4FF



**Achromatopsia**  
ABABAB



**Achromatomaly**  
76C0CA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1AE4FF 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 #1AE4FF looks like.

```
.text, #text, p{  
    color:#1AE4FF  
}
```

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 #1AE4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AE4FF
}
```

## Border

The CSS property to change the border of an element to Hex 1AE4FF 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
#1AE4FF }
```

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

```
.border{ border-color:#1AE4FF }
```

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

Here you see how a box with a 4 pixel #1AE4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AE4FF; -webkit-box-shadow:4px 4px  
4px 4px #1AE4FF; box-shadow:4px 4px 4px  
4px #1AE4FF }
```

# Background

The CSS property to change the background color of an element to Hex 1AE4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AE4FF }
```

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

```
.background{ background-color:#1AE4FF }
```

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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