

# Converting Colors

Hex(1AE7F9)

Have a look what the booklet for  
Hex(1AE7F9) contains.

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# Color

Hex(1AE7F9)

# Conversions

## Conversions Part 1

Format	Color
Hex	1AE7F9
RGB	26, 231, 249
RGB Percent	10%, 91%, 98%
CMY	0.8980, 0.0941, 0.0235
CMYK	0.90, 0.07, 0.00, 0.02
HSL	185°, 95%, 54%
HSV	185°, 90%, 98%
XYZ	46.1008, 64.2110, 99.5867
YIQ	171.7570, -127.9580, -37.8620

# Conversions

## Conversions Part 2

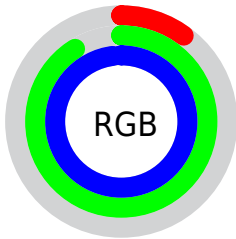
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	26, 133, 249
Decimal	1763321
CIE Lab	84.08, -38.51, -21.59
CIE LCh	84, 44.151, 209.281
Yxy	64.2110, 0.2196, 0.3059
Android (android.graphics.Color)	4279953401 (0xFF1AE7F9)
YUV	171.7570, 38.0808, -127.8289
Hunter-Lab	80.1318, -37.5373, -17.5926

# Details

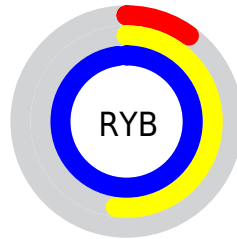
The Hex color **1AE7F9** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **F92C1A**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **7AFFFF**, and **00AFC1** is the 20% darker color. If you saturate the color by 10%, you get **01E5F9**, and if you desaturate by 10%, it is **33E9F9**.

# Distribution



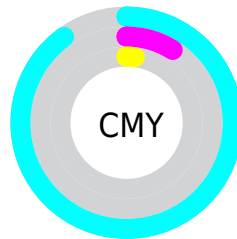
- Red (10%)
- Green (91%)
- Blue (98%)



- Red (10%)
- Yellow (52%)
- Blue (98%)



- Cyan (90%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)



- Cyan (90%)
- Magenta (9%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1AE7F9 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 1AE7F9 by changing the saturation by 10% instead.



 1AE7F9

 1AE7F9

FFFFFF

 00CBDC

 7AFFFF

 00AFC1

 9CFFFF

 0094A5

 BDFFFF

 00798B

 DDFFFF

 006072

 FDFFFF

 004759

 003042

 00192B

 000117

 1AE7F9

 1AE7F9

 01E5F9

 33E9F9

 00E5F9

 4CEBF9

 65EDF9

 7EEFF9

 96F1F9

 AFF3F9

 C8F5F9

 E1F7F9

 FAF9F9

# Harmonies

## Analogous

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



58E8CF



1AE7F9



47E1FF

# Triad

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



1AE7F9



FFB9FD



EECF7E

# Complementary

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



1AE7F9



F92C1A

# 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.



FFC08B



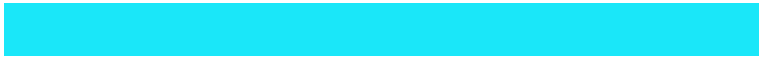
1AE7F9



FFB1D4

# Square

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



1AE7F9



D5C7FF



FFB5AB



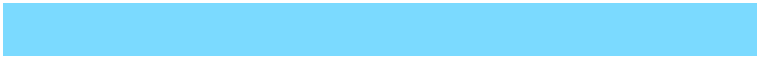
C3DB88

# Rectangle

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



1AE7F9



7BDAFF



FFB5AB



FACA80



# Sweetspot

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



1AE7F9



BAF9FF



1AF929



577C80



000000



808080



# Same Dimension

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



1AE7F9



00EAFB



1A7BF9



707C7D



00ADB8



00383D



# Inverse Universe

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



F91AE7



FF00EA



F9981A



7D707C



BD00AD

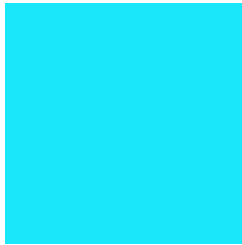


3D0038



# Previews

## White Background



This preview shows how the Hex color 1AE7F9 looks on a white background.

## Color Contrast Check

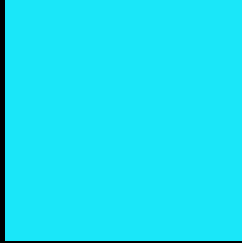
Large Text (above 18pt) WCAG AA × Fail

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 1AE7F9 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 1AE7F9 Background



This preview shows how black text looks on a background with the Hex color 1AE7F9.

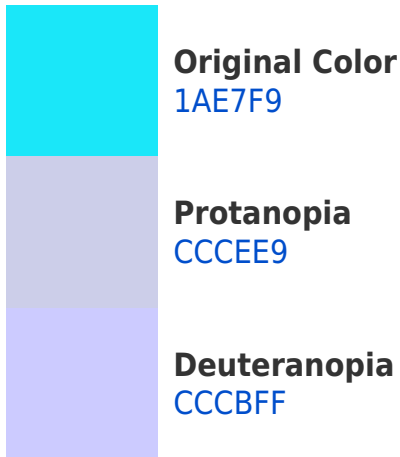


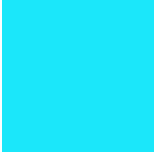
This preview shows how white text looks on a background with the Hex color 1AE7F9.

# 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



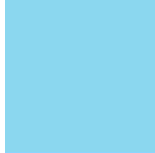


**Tritanopia**  
1BE7FA

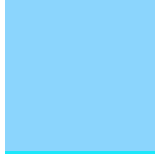
# Trichromacy



**Original Color**  
1AE7F9



**Protanomaly**  
8BD7EF



**Deuteranomaly**  
8BD5FD

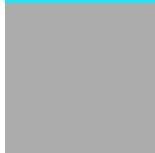


**Tritanomaly**  
1BE7FA

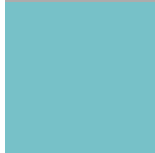
# Monochromacy



**Original Color**  
1AE7F9



**Achromatopsia**  
ACACAC



**Achromatomaly**  
77C1C8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1AE7F9 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 #1AE7F9 looks like.

```
.text, #text, p{  
    color:#1AE7F9  
}
```

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 #1AE7F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AE7F9
}
```

## Border

The CSS property to change the border of an element to Hex 1AE7F9 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
#1AE7F9 }
```

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

```
.border{ border-color:#1AE7F9 }
```

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

Here you see how a box with a 4 pixel #1AE7F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AE7F9; -webkit-box-shadow:4px 4px  
4px 4px #1AE7F9; box-shadow:4px 4px 4px  
4px #1AE7F9 }
```

# Background

The CSS property to change the background color of an element to Hex 1AE7F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AE7F9 }
```

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

```
.background{ background-color:#1AE7F9 }
```

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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