

# Converting Colors

Hex(1AE3F5)

Have a look what the booklet for  
Hex(1AE3F5) contains.

<b>Hex(1AE3F5)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(1AE3F5)

# Conversions

## Conversions Part 1

Format	Color
Hex	1AE3F5
RGB	26, 227, 245
RGB Percent	10%, 89%, 96%
CMY	0.8980, 0.1098, 0.0392
CMYK	0.89, 0.07, 0.00, 0.04
HSL	185°, 92%, 53%
HSV	185°, 89%, 96%
XYZ	44.3765, 61.7504, 95.9663
YIQ	168.9530, -125.5740, -37.0140

# Conversions

## Conversions Part 2

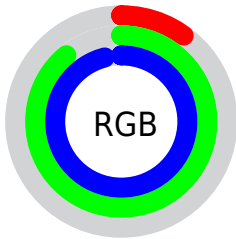
Format	Color
R <sub>Y</sub> B	26, 131, 245
Decimal	1762293
CIE Lab	82.78, -37.89, -21.45
CIE LCh	83, 43.536, 209.510
Yxy	61.7504, 0.2196, 0.3056
Android (android.graphics.Color)	4279952373 (0xFF1AE3F5)
YUV	168.9530, 37.4912, -125.3698
Hunter-Lab	78.5814, -36.7148, -17.4000

# Details

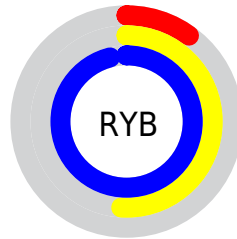
The Hex color **1AE3F5** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **F52C1A**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **79FFFF**, and **00ABBD** is the 20% darker color. If you saturate the color by 10%, you get **01E1F5**, and if you desaturate by 10%, it is **32E5F5**.

# Distribution



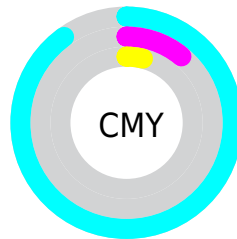
- Red (10%)
- Green (89%)
- Blue (96%)



- Red (10%)
- Yellow (51%)
- Blue (96%)



- Cyan (89%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (90%)
- Magenta (11%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1AE3F5 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 1AE3F5 by changing the saturation by 10% instead.



 1AE3F5

 1AE3F5


FFFFFF

 00C7D9

 79FFFF

 00ABBD

 9BFFFF

 0090A2

 BBFFFF

 007687

 DCFFFF

 005D6E

 FCFFFF

 004456

 002D3E

 001329

 000113

 1AE3F5

 1AE3F5

 01E1F5

 32E5F5

 00E1F5

 4BE7F5

 63E9F5

 7CEBF5

 94EDF5

 ADEFF5

 C5F1F5

 DEF3F5

 F6F5F5

# Harmonies

## Analogous

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



56E4CC



1AE3F5



47DDFF

# Triad

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



1AE3F5



FFB6F8



EACB7C

# Complementary

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



1AE3F5



F52C1A

# 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.



FFBD89



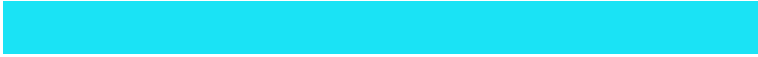
1AE3F5



FFAED0

# Square

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



1AE3F5



D2C4FF



FFB2A8



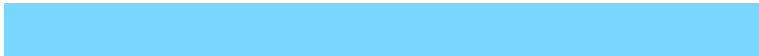
BFD885

# Rectangle

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



1AE3F5



79D6FF



FFB2A8



F6C77D

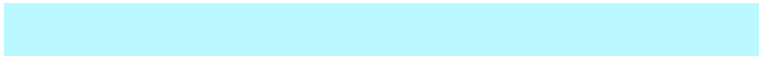


# Sweetspot

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



1AE3F5



BAF9FF



1AF529



577C80



000000



808080



# Same Dimension

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



1AE3F5



00EAFB



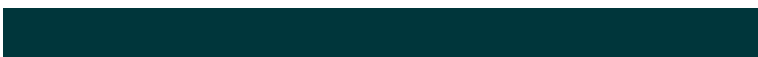
1A79F5



6E797A



00ABBA



00363B



# Inverse Universe

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



F51AE3



FF00EA



F5961A



7A6E79



BA00AB

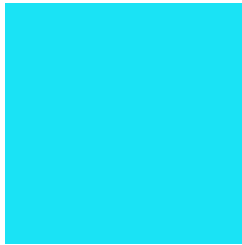


3B0036



# Previews

## White Background



This preview shows how the Hex color 1AE3F5 looks on a white background.

## Color Contrast Check

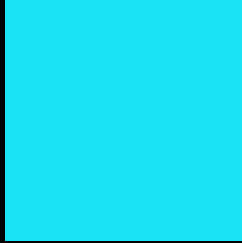
Large Text (above 18pt) WCAG AA × Fail

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 1AE3F5 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 1AE3F5 Background



This preview shows how black text looks on a background with the Hex color 1AE3F5.

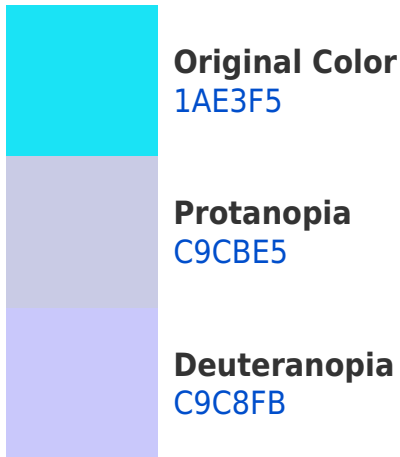


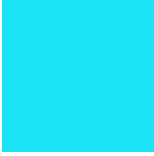
This preview shows how white text looks on a background with the Hex color 1AE3F5.

# 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



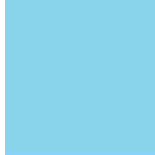


**Tritanopia**  
1BE3F5

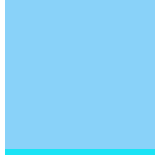
# Trichromacy



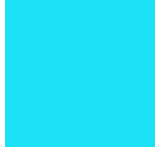
**Original Color**  
1AE3F5



**Protanomaly**  
89D4EB



**Deuteranomaly**  
89D2F9

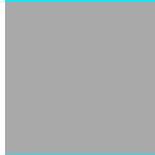


**Tritanomaly**  
1BE3F5

# Monochromacy



**Original Color**  
1AE3F5



**Achromatopsia**  
A9A9A9



**Achromatomaly**  
75BEC5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1AE3F5 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 #1AE3F5 looks like.

```
.text, #text, p{  
    color:#1AE3F5  
}
```

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 #1AE3F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AE3F5
}
```

## Border

The CSS property to change the border of an element to Hex 1AE3F5 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
#1AE3F5 }
```

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

```
.border{ border-color:#1AE3F5 }
```

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

Here you see how a box with a 4 pixel #1AE3F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AE3F5; -webkit-box-shadow:4px 4px  
4px 4px #1AE3F5; box-shadow:4px 4px 4px  
4px #1AE3F5 }
```

# Background

The CSS property to change the background color of an element to Hex 1AE3F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AE3F5 }
```

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

```
.background{ background-color:#1AE3F5 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor