

# Converting Colors

Hex(1AF0DB)

Have a look what the booklet for  
Hex(1AF0DB) contains.

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# Color

Hex(1AF0DB)

# Conversions

## Conversions Part 1

Format	Color
Hex	1AF0DB
RGB	26, 240, 219
RGB Percent	10%, 94%, 86%
CMY	0.8980, 0.0588, 0.1412
CMYK	0.89, 0.00, 0.09, 0.06
HSL	174°, 88%, 52%
HSV	174°, 89%, 94%
XYZ	44.3723, 67.6543, 77.7378
YIQ	173.6200, -120.8030, -51.8990

# Conversions

## Conversions Part 2

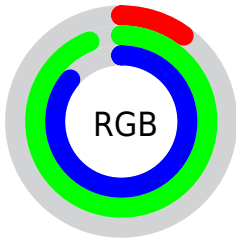
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 139, 240
Decimal	1765595
CIE <sub>Lab</sub>	85.83, -51.06, -3.18
CIE <sub>LCh</sub>	86, 51.158, 183.562
Yxy	67.6543, 0.2338, 0.3565
Android (android.graphics.Color)	4279955675 (0xFF1AF0DB)
YUV	173.6200, 22.3723, -129.4627
Hunter-Lab	82.2522, -47.6467, 1.5407

# Details

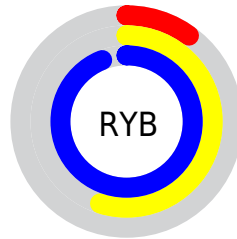
The Hex color **1AF0DB** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **F01A2F**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **78FFFF**, and **00B7A4** is the 20% darker color. If you saturate the color by 10%, you get **02F0D9**, and if you desaturate by 10%, it is **32F0DD**.

# Distribution



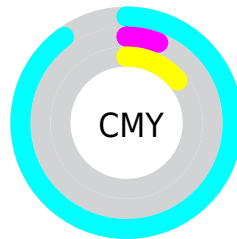
- Red (10%)
- Green (94%)
- Blue (86%)



- Red (10%)
- Yellow (55%)
- Blue (94%)



- Cyan (89%)
- Magenta (0%)
- Yellow (9%)
- Black (6%)



- Cyan (90%)
- Magenta (6%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1AF0DB 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 1AF0DB by changing the saturation by 10% instead.



 1AF0DB

 1AF0DB

FFFFFF

 00D3BF

 78FFFF

 00B7A4

 9AFFFF

 009B8A

 BAFFFF

 008171

 DAFFFF

 006658

 FAFFFF

 004D41

 00352B

 001D17

 000000

 1AF0DB

 1AF0DB

 02F0D9

 32F0DD

 00F0D8

 4AF0E0

 62F0E2

 7AF0E4

 92F0E7

 AAF0E9

 C2F0EB

 DAF0EE

 F2F0F0

# Harmonies

## Analogous

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



80ECAA



1AF0DB



00EEFF

# Triad

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



1AF0DB



E3C8FF



FFC581

# Complementary

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



1AF0DB



F01A2F

# 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.



FFB5A4



1AF0DB



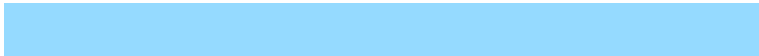
FFB7FF

# Square

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



1AF0DB



95DAFF



FFAFD3



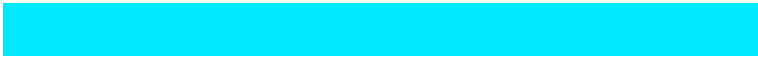
F0D674

# Rectangle

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



1AF0DB



00EAFB



FFAFD3



FFBF8A



# Sweetspot

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



1AF0DB



BAFFF8



2FF01A



57807B



000000



808080



# Same Dimension

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



1AF0DB



00FFE6



1A9AF0



6C7877



00B8A6



003833



# Inverse Universe

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



F01A2F



FF0019



F0701A



786C6D



B80012

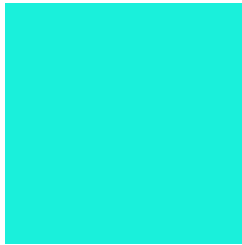


380006



# Previews

## White Background



This preview shows how the Hex color 1AF0DB looks on a white background.

## Color Contrast Check

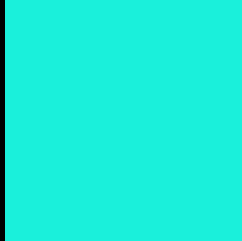
Large Text (above 18pt) WCAG AA × Fail

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 1AF0DB 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

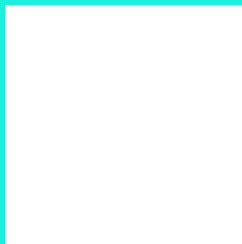
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1AF0DB Background



This preview shows how black text looks on a background with the Hex color 1AF0DB.

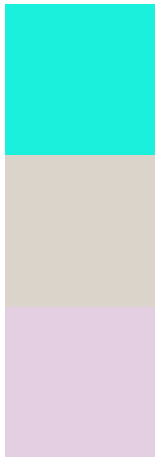


This preview shows how white text looks on a background with the Hex color 1AF0DB.

# 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



**Original Color**  
1AF0DB

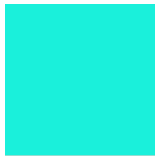
**Protanopia**  
DBD4CB

**Deuteranopia**  
E3CEE2



**Tritanopia**  
3FEBFE

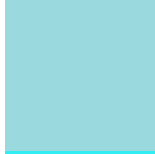
# Trichromacy



**Original Color**  
1AF0DB



**Protanomaly**  
95DED1



**Deuteranomaly**  
9ADADF

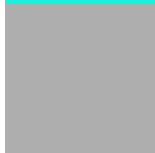


**Tritanomaly**  
32EDF1

# Monochromacy



**Original Color**  
1AF0DB



**Achromatopsia**  
AEAEAE



**Achromatomaly**  
78C6BE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1AF0DB 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 #1AF0DB looks like.

```
.text, #text, p{  
    color:#1AF0DB  
}
```

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 #1AF0DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AF0DB
}
```

## Border

The CSS property to change the border of an element to Hex 1AF0DB 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
#1AF0DB }
```

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

```
.border{ border-color:#1AF0DB }
```

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

Here you see how a box with a 4 pixel #1AF0DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AF0DB; -webkit-box-shadow:4px 4px  
4px 4px #1AF0DB; box-shadow:4px 4px 4px  
4px #1AF0DB }
```

# Background

The CSS property to change the background color of an element to Hex 1AF0DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AF0DB }
```

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

```
.background{ background-color:#1AF0DB }
```

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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