

# Converting Colors

Hex(1AB2CF)

Have a look what the booklet for  
Hex(1AB2CF) contains.

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# Color

Hex(1AB2CF)

# Conversions

## Conversions Part 1

Format	Color
Hex	1AB2CF
RGB	26, 178, 207
RGB Percent	10%, 70%, 81%
CMY	0.8980, 0.3020, 0.1882
CMYK	0.87, 0.14, 0.00, 0.19
HSL	190°, 78%, 46%
HSV	190°, 87%, 81%
XYZ	27.6089, 36.5654, 64.6342
YIQ	135.8580, -99.9010, -23.2050

# Conversions

## Conversions Part 2

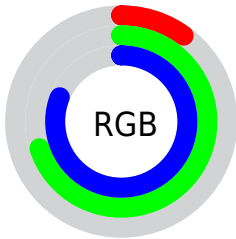
Format	Color
R <sub>YB</sub>	26, 109, 207
Decimal	1749711
CIE Lab	66.95, -26.41, -25.07
CIE LCh	67, 36.410, 223.513
Yxy	36.5654, 0.2143, 0.2839
Android (android.graphics.Color)	4279939791 (0xFF1AB2CF)
YUV	135.8580, 35.0730, -96.3455
Hunter-Lab	60.4693, -24.3224, -21.0451

# Details

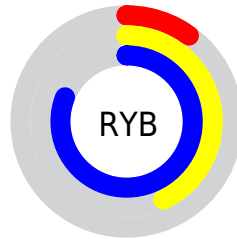
The Hex color **1AB2CF** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **CF371A**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **6DEAFF**, and **007D99** is the 20% darker color. If you saturate the color by 10%, you get **05AFCF**, and if you desaturate by 10%, it is **2FB5CF**.

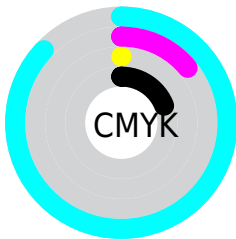
# Distribution



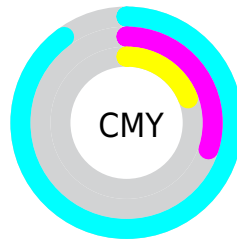
- Red (10%)
- Green (70%)
- Blue (81%)



- Red (10%)
- Yellow (43%)
- Blue (81%)



- Cyan (87%)
- Magenta (14%)
- Yellow (0%)
- Black (19%)



- Cyan (90%)
- Magenta (30%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1AB2CF 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 1AB2CF by changing the saturation by 10% instead.



 1AB2CF

 1AB2CF


FFFFFF

 0097B3

 6DEAFF

 007D99

 8DFFFF

 00647F

 ACFFFF

 004B65

 CBFFFF

 00344D

 EAFFFF

 002136

 000221

 000006

 000000

■ 1AB2CF

■ 1AB2CF

■ 05AFCF

■ 2FB5CF

■ 00AECF

■ 43B9CF

■ 58BCCF

■ 6DBFCF

■ 82C3CF

■ 96C6CF

■ ABC9CF

■ C0CDCF

■ D4D0CF

# Harmonies

## Analogous

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



2CB5B1



1AB2CF



53ABE1

# Triad

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



1AB2CF



D78CB6



AAA662

# Complementary

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



1AB2CF



CF371A

# 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.



C89B64



1AB2CF



E38A95

# Square

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



1AB2CF



B995D3



DD9077



85AE72

# Rectangle

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



1AB2CF



7AA5E4



DD9077



B5A261

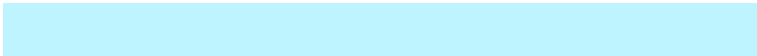


# Sweetspot

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



1AB2CF



BDF4FF



1ACF35



587980



000000



808080

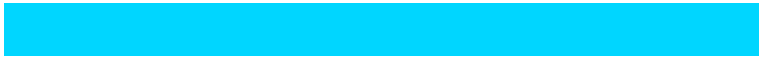


# Same Dimension

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



1AB2CF



00D6FF



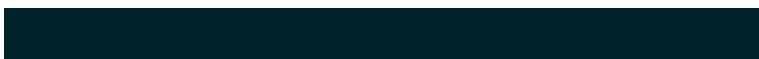
1A59CF



5E6769



008DA8



002229



# Inverse Universe

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



CF1AB2



FF00D6



CF901A



695E67



A8008D

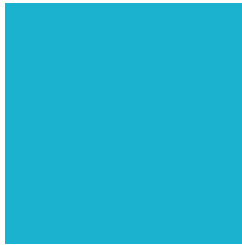


290022



# Previews

## White Background



This preview shows how the Hex color 1AB2CF looks on a white background.

## Color Contrast Check

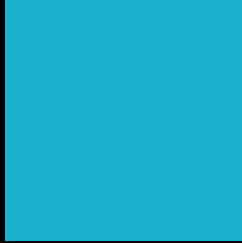
Large Text (above 18pt) WCAG AA × Fail

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 1AB2CF 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 1AB2CF Background



This preview shows how black text looks on a background with the Hex color 1AB2CF.

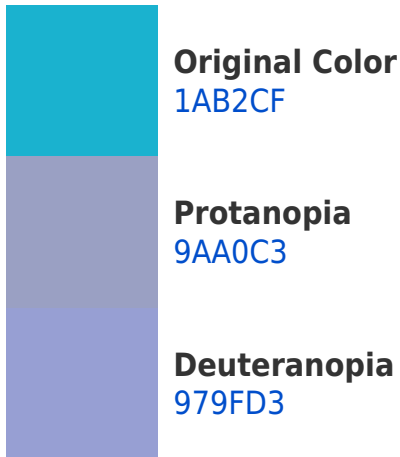


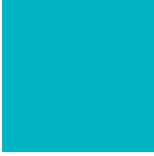
This preview shows how white text looks on a background with the Hex color 1AB2CF.

# 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**  
00B4C2

# Trichromacy



**Original Color**  
1AB2CF



**Protanomaly**  
6BA7C7



**Deuteranomaly**  
6AA6D2



**Tritanomaly**  
09B3C7

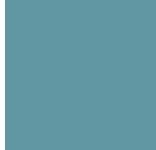
# Monochromacy



**Original Color**  
1AB2CF



**Achromatopsia**  
888888



**Achromatomaly**  
6097A2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1AB2CF 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 #1AB2CF looks like.

```
.text, #text, p{  
    color:#1AB2CF  
}
```

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 #1AB2CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AB2CF
}
```

## Border

The CSS property to change the border of an element to Hex 1AB2CF 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
#1AB2CF }
```

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

```
.border{ border-color:#1AB2CF }
```

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

Here you see how a box with a 4 pixel #1AB2CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AB2CF; -webkit-box-shadow:4px 4px  
4px 4px #1AB2CF; box-shadow:4px 4px 4px  
4px #1AB2CF }
```

# Background

The CSS property to change the background color of an element to Hex 1AB2CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AB2CF }
```

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

```
.background{ background-color:#1AB2CF }
```

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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