

Converting Colors

Hex(1AB2B0)

Have a look what the booklet for
Hex(1AB2B0) contains.

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Color

Hex(1AB2B0)

Conversions

Conversions Part 1

Format	Color
Hex	1AB2B0
RGB	26, 178, 176
RGB Percent	10%, 70%, 69%
CMY	0.8980, 0.3020, 0.3098
CMYK	0.85, 0.00, 0.01, 0.30
HSL	179°, 75%, 40%
HSV	179°, 85%, 70%
XYZ	24.1829, 35.1950, 46.5930
YIQ	132.3240, -89.9500, -32.8460

Conversions

Conversions Part 2

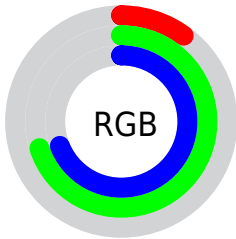
Format	Color
RYB	26, 103, 178
Decimal	1749680
CIELab	65.90, -36.19, -9.51
CIELCh	66, 37.416, 194.718
Yxy	35.1950, 0.2282, 0.3321
Android (android.graphics.Color)	4279939760 (0xFF1AB2B0)
YUV	132.3240, 21.5323, -93.2461
Hunter-Lab	59.3254, -31.0572, -5.0375

Details

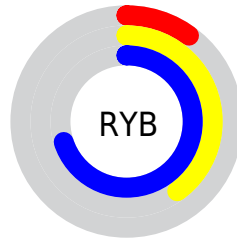
The Hex color **1AB2B0** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B21A1C**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **69EAE8**, and **007D7C** is the 20% darker color. If you saturate the color by 10%, you get **08B2B0**, and if you desaturate by 10%, it is **2CB2B0**.

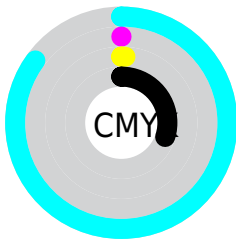
Distribution



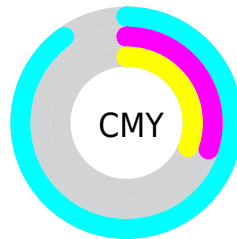
- Red (10%)
- Green (70%)
- Blue (69%)



- Red (10%)
- Yellow (40%)
- Blue (70%)



- Cyan (85%)
- Magenta (0%)
- Yellow (1%)
- Black (30%)



- Cyan (90%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1AB2B0 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 1AB2B0 by changing the saturation by 10% instead.

 1AB2B0

 1AB2B0

FFFFFF

 009795

 69EAE8

 007D7C

 88FFFF

 006363

 A6FFFF

 004A4B

 C4FFFF

 003334

 E3FFFF

 001E1F

 000006

 000000

 1AB2B0

 1AB2B0

08B2B0

2CB2B0

00B2B0

3EB2B0

4FB2B1

61B2B1

73B2B1

85B2B1

97B2B2

A8B2B2

BAB2B2

Harmonies

Analogous

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



54B18D



1AB2B0



00AFCE

Triad

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



1AB2B0



B991D0



C5985F

Complementary

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



1AB2B0



B21A1C

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.



DA8D72



1AB2B0



D788B3

Square

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



1AB2B0



8A9EE1



E18691



A6A35E

Rectangle

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



1AB2B0



37ABDC



E18691



CD9464

Sweetspot

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



1AB2B0



ACE8E7



1DB21A



517575



F5F5F5



757575

Same Dimension

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



1AB2B0



00E8E5



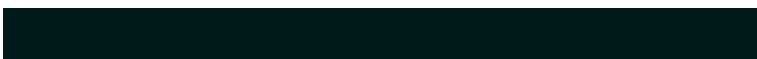
1A69B2



505959



009997



001A19

Inverse Universe

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



B21A1C



E80003



B2631A



595050



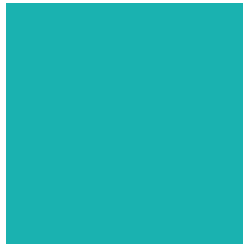
990002



1A0000

Previews

White Background



This preview shows how the Hex color 1AB2B0 looks on a white background.

Color Contrast Check

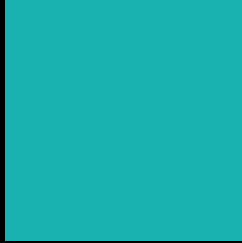
Large Text (above 18pt) WCAG AA × Fail

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 1AB2B0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

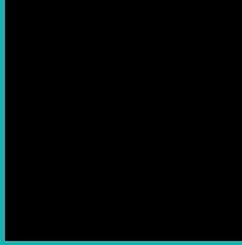
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

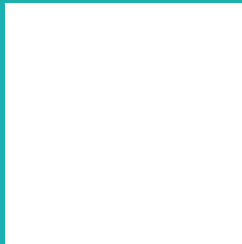
Any Text WCAG AAA ✓ Pass

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

Hex 1AB2B0 Background



This preview shows how black text looks on a background with the Hex color 1AB2B0.

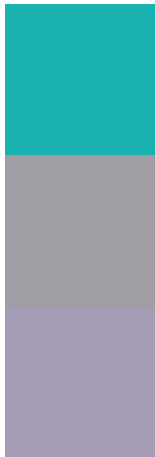


This preview shows how white text looks on a background with the Hex color 1AB2B0.

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](#).

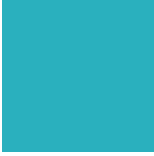
Dichromacy



Original Color
1AB2B0

Protanopia
A09EA4

Deuteranopia
A49BB5



Trichromacy



Original Color
1AB2B0



Protanomaly
6FA5A8



Deuteranomaly
72A3B3



Tritanomaly
24B1B9

Monochromacy



Original Color
1AB2B0



Achromatopsia
848484



Achromatomaly
5D9594

CSS Examples

Text

The CSS property to change the color of the text to Hex 1AB2B0 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 #1AB2B0 looks like.

```
.text, #text, p{  
    color:#1AB2B0  
}
```

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 #1AB2B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AB2B0
}
```

Border

The CSS property to change the border of an element to Hex 1AB2B0 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
#1AB2B0 }
```

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

```
.border{ border-color:#1AB2B0 }
```

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

Here you see how a box with a 4 pixel #1AB2B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AB2B0; -webkit-box-shadow:4px 4px  
4px 4px #1AB2B0; box-shadow:4px 4px 4px  
4px #1AB2B0 }
```

Background

The CSS property to change the background color of an element to Hex 1AB2B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AB2B0 }
```

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

```
.background{ background-color:#1AB2B0 }
```

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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