

Converting Colors

Hex(1DB2AB)

Have a look what the booklet for
Hex(1DB2AB) contains.

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Color

Hex(1DB2AB)

Conversions

Conversions Part 1

Format	Color
Hex	1DB2AB
RGB	29, 178, 171
RGB Percent	11%, 70%, 67%
CMY	0.8863, 0.3020, 0.3294
CMYK	0.84, 0.00, 0.04, 0.30
HSL	177°, 72%, 41%
HSV	177°, 84%, 70%
XYZ	23.7778, 35.0423, 44.0387
YIQ	132.6510, -86.5570, -33.7650

Conversions

Conversions Part 2

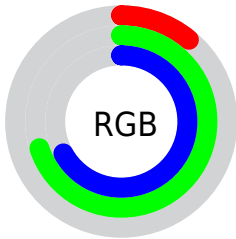
Format	Color
R_{YB}	29, 105, 178
Decimal	1946283
CIE _{Lab}	65.78, -37.46, -6.90
CIE _{LCh}	66, 38.087, 190.444
Yxy	35.0423, 0.2312, 0.3407
Android (android.graphics.Color)	4280136363 (0xFF1DB2AB)
YUV	132.6510, 18.9061, -90.9019
Hunter-Lab	59.1965, -31.8949, -2.6707

Details

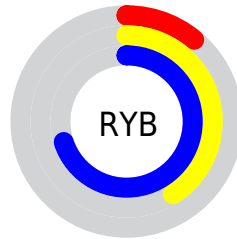
The Hex color **1DB2AB** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B21D24**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **69EAE2**, and **007D77** is the 20% darker color. If you saturate the color by 10%, you get **0BB2AA**, and if you desaturate by 10%, it is **2FB2AC**.

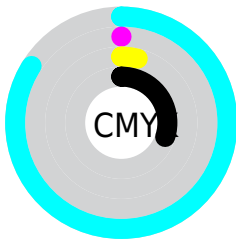
Distribution



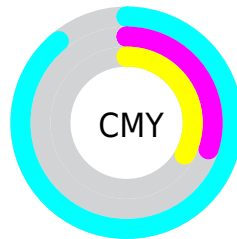
- Red (11%)
- Green (70%)
- Blue (67%)



- Red (11%)
- Yellow (41%)
- Blue (70%)



- Cyan (84%)
- Magenta (0%)
- Yellow (4%)
- Black (30%)



- Cyan (89%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DB2AB 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 1DB2AB by changing the saturation by 10% instead.

 1DB2AB

 1DB2AB

FFFFFF

 009791

 69EAE2

 007D77

 88FFFF

 00635E

 A6FFFF

 004A47

 C5FFFF

 003330

 E3FFFF

 001D1C

 000000

 1DB2AB

 1DB2AB

 0BB2AA

 2FB2AC

00B2AA

41B2AD

52B2AE

64B2AE

76B2AF

88B2B0

9AB2B1

ABB2B2

BDB2B3

Harmonies

Analogous

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



59B088



1DB2AB



00B0CB

Triad

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



1DB2AB



B393D4



C99660

Complementary

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



1DB2AB



B21D24

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.



DD8B75



1DB2AB



D488B7

Square

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



1DB2AB



819FE3



E28595



AAA25B

Rectangle

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



1DB2AB



25ACDA



E28595



D19265

Sweetspot

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



1DB2AB



AEE8E5



24B21D



527574



F5F5F5



757575

Same Dimension

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



1DB2AB



00E8DD



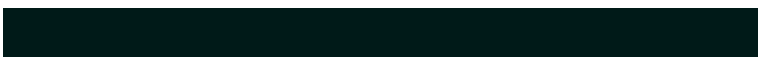
1D6FB2



505959



009992



001A18

Inverse Universe

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



B21D24



E8000B



B2601D



595051



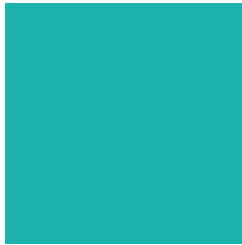
990007



1A0001

Previews

White Background



This preview shows how the Hex color 1DB2AB 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 1DB2AB 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 1DB2AB Background



This preview shows how black text looks on a background with the Hex color 1DB2AB.

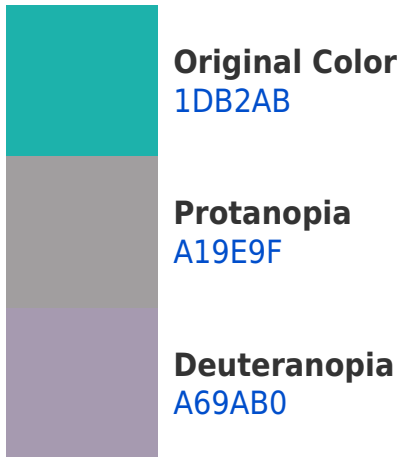


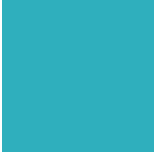
This preview shows how white text looks on a background with the Hex color 1DB2AB.

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





Trichromacy



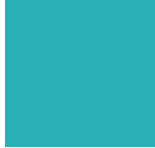
Original Color
1DB2AB



Protanomaly
71A5A3



Deuteranomaly
74A3AE



Tritanomaly
28B0B6

Monochromacy



Original Color
1DB2AB



Achromatopsia
858585



Achromatomaly
5F9593

CSS Examples

Text

The CSS property to change the color of the text to Hex 1DB2AB 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 #1DB2AB looks like.

```
.text, #text, p{  
    color:#1DB2AB  
}
```

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 #1DB2AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DB2AB
}
```

Border

The CSS property to change the border of an element to Hex 1DB2AB 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
#1DB2AB }
```

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

```
.border{ border-color:#1DB2AB }
```

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

Here you see how a box with a 4 pixel #1DB2AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DB2AB; -webkit-box-shadow:4px 4px  
4px 4px #1DB2AB; box-shadow:4px 4px 4px  
4px #1DB2AB }
```

Background

The CSS property to change the background color of an element to Hex 1DB2AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DB2AB }
```

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

```
.background{ background-color:#1DB2AB }
```

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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