

# Converting Colors

Hex(1DBBA0)

Have a look what the booklet for  
Hex(1DBBA0) contains.

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# Color

**Hex(1DBBA0)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 1DBBA0                       |
| RGB         | 29, 187, 160                 |
| RGB Percent | 11%, 73%, 63%                |
| CMY         | 0.8863, 0.2667, 0.3725       |
| CMYK        | 0.84, 0.00, 0.14, 0.27       |
| HSL         | 170°, 73%, 42%               |
| HSV         | 170°, 84%, 73%               |
| XYZ         | 24.6222, 38.3399, 39.3603    |
| YIQ         | 136.6800, -85.5010, -41.8930 |

# Conversions

## Conversions Part 2

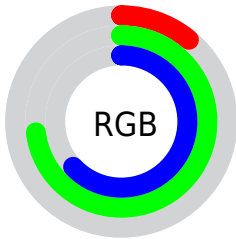
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">29, 115, 187</a>                                 |
| Decimal                             | <a href="#">1948576</a>                                      |
| CIELab                              | <a href="#">68.27, -44.50, 2.82</a>                          |
| CIELCh                              | <a href="#">68, 44.587, 176.371</a>                          |
| Yxy                                 | <a href="#">38.3399, 0.2406, 0.3747</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4280138656</a><br>( <a href="#">0xFF1DBBA0</a> ) |
| YUV                                 | <a href="#">136.6800, 11.4968, -94.4354</a>                  |
| Hunter-Lab                          | <a href="#">61.9192, -37.3782, 5.6545</a>                    |

# Details

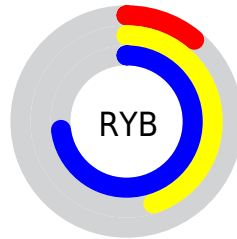
The Hex color **1DBBA0** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BB1D38**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **6AF4D7**, and **00856D** is the 20% darker color. If you saturate the color by 10%, you get **0ABB9D**, and if you desaturate by 10%, it is **30BBA3**.

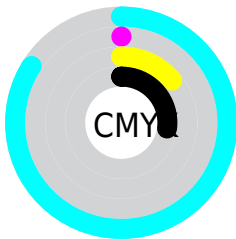
# Distribution



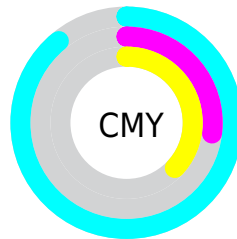
- Red (11%)
- Green (73%)
- Blue (63%)



- Red (11%)
- Yellow (45%)
- Blue (73%)



- Cyan (84%)
- Magenta (0%)
- Yellow (14%)
- Black (27%)



- Cyan (89%)
- Magenta (27%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1DBBA0 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 1DBBA0 by changing the saturation by 10% instead.



 1DBBA0

 1DBBA0

FFFFFF

 00A086

 6AF4D7

 00856D

 89FFF3

 006B54

 A7FFFF

 00523D

 C6FFFF

 003928

 E4FFFF

 002413

 000000

 1DBBA0

 1DBBA0

 0ABB9D

 30BBA3

00BB9B

42BBA6

55BBAA

68BBAD

7BBBB0

8DBBB3

A0BBB6

B3BBBA

C5BBBD

# Harmonies

## Analogous

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



6BB778



1DBBA0



00BBC9

# Triad

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



1DBBA0



A39EEF



E29464

# Complementary

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



1DBBA0



BB1D38

# 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.



F28885



1DBBA0



D48FD4

# Square

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



1DBBA0



59ACF6



EF86AD



C4A255

# Rectangle

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



1DBBA0



00B8E0



EF86AD



EA8F6E



# Sweetspot

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



1DBBA0



B6F2E8



3ABB1D



567A74



FAFAFA



7A7A7A



# Same Dimension

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



1DBBA0



00F2C9



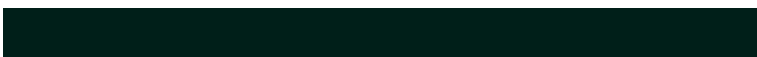
1D89BB



555E5D



009E83



001F19



# Inverse Universe

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



BB1D38



F20029



BB4F1D



5E5557



9E001B

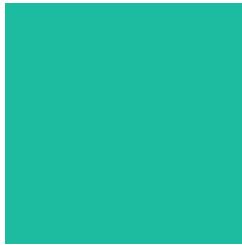


1F0005



# Previews

## White Background



This preview shows how the Hex color 1DBBA0 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 1DBBA0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

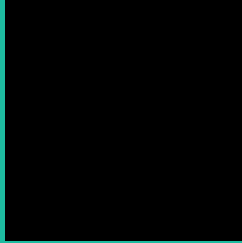
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 1DBBA0 Background



This preview shows how black text looks on a background with the Hex color 1DBBA0.

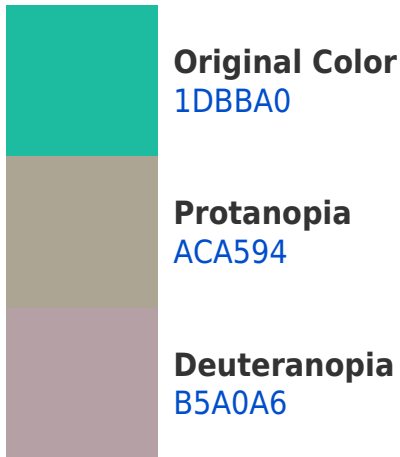


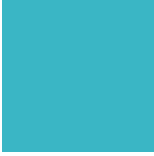
This preview shows how white text looks on a background with the Hex color 1DBBA0.

# 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](#).

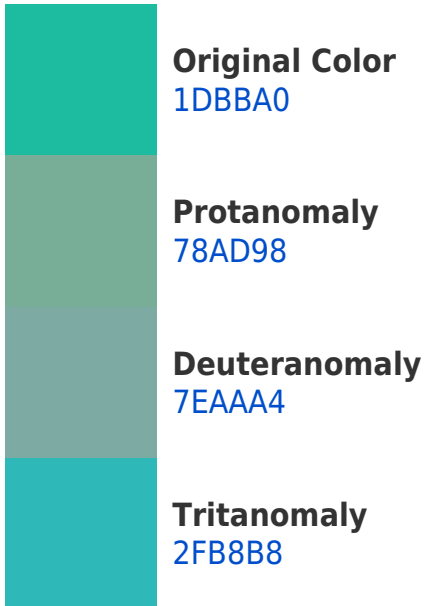
## Dichromacy



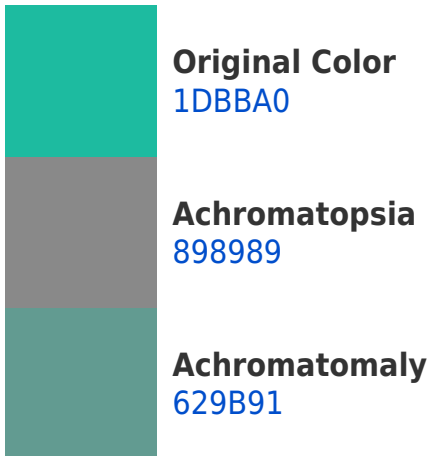


**Tritanopia**  
3AB6C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1DBBA0 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 #1DBBA0 looks like.

```
.text, #text, p{  
    color:#1DBBA0  
}
```

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 #1DBBA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DBBA0
}
```

## Border

The CSS property to change the border of an element to Hex 1DBBA0 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
#1DBBA0 }
```

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

```
.border{ border-color:#1DBBA0 }
```

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

Here you see how a box with a 4 pixel #1DBBA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DBBA0; -webkit-box-shadow:4px 4px  
4px 4px #1DBBA0; box-shadow:4px 4px 4px  
4px #1DBBA0 }
```

# Background

The CSS property to change the background color of an element to Hex 1DBBA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DBBA0 }
```

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

```
.background{ background-color:#1DBBA0 }
```

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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