

Converting Colors

Hex(1DBADD)

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

Hex(1DBADD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1DBADD)

Conversions

Conversions Part 1

Format	Color
Hex	1DBADD
RGB	29, 186, 221
RGB Percent	11%, 73%, 87%
CMY	0.8863, 0.2706, 0.1333
CMYK	0.87, 0.16, 0.00, 0.13
HSL	191°, 77%, 49%
HSV	191°, 87%, 87%
XYZ	31.1167, 40.5995, 74.6031
YIQ	143.0470, -104.8070, -22.3990

Conversions

Conversions Part 2

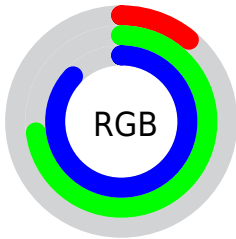
Format	Color
RYB	29, 115, 221
Decimal	1948381
CIELab	69.89, -25.63, -28.22
CIELCh	70, 38.124, 227.758
Yxy	40.5995, 0.2127, 0.2775
Android (android.graphics.Color)	4280138461 (0xFF1DBADD)
YUV	143.0470, 38.4308, -100.0192
Hunter-Lab	63.7177, -24.3350, -24.8165

Details

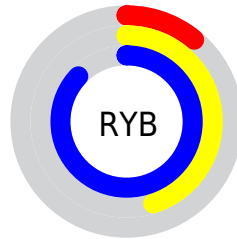
The Hex color **1DBADD** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **DD401D**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **71F2FF**, and **0085A6** is the 20% darker color. If you saturate the color by 10%, you get **07B6DD**, and if you desaturate by 10%, it is **33BEDD**.

Distribution



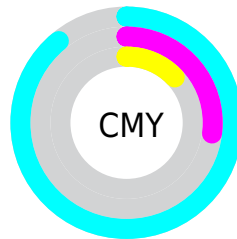
- Red (11%)
- Green (73%)
- Blue (87%)



- Red (11%)
- Yellow (45%)
- Blue (87%)



- Cyan (87%)
- Magenta (16%)
- Yellow (0%)
- Black (13%)



- Cyan (89%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

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

 1DBADD

 1DBADD

FFFFFF

 009FC1

 71F2FF

 0085A6

 91FFFF

 006B8B

 B1FFFF

 005372

 D0FFFF

 003B59

 EFFFFFF

 002641

 00032C

 000116

 000000

■ 1DBADD

■ 1DBADD

■ 07B6DD

■ 33BEDD

■ 00B5DD

■ 49C2DD

■ 5FC6DD

■ 75CADD

■ 8CCEDD

■ A2D2DD

■ B8D6DD

■ CEDADD

■ E4DEDD

Harmonies

Analogous

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



23BDBF



1DBADD



5FB2EE

Triad

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



1DBADD



E591BA



ADAF68

Complementary

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



1DBADD



DD401D

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.



CEA467



1DBADD



EF9097

Square

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



1DBADD



C89ADA



E69879



86B87B

Rectangle

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



1DBADD



87ABEF



E69879



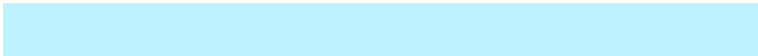
B9AC65

Sweetspot

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



1DBADD



BDF3FF



1DDD3D



587880



000000



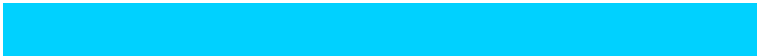
808080

Same Dimension

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



1DBADD



00D1FF



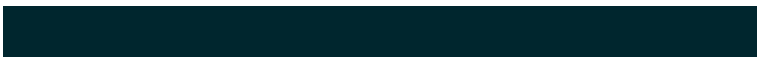
1D5DDD



636C6E



008EAD



00262E

Inverse Universe

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



DD1DBA



FF00D1



DD9D1D



6E636C



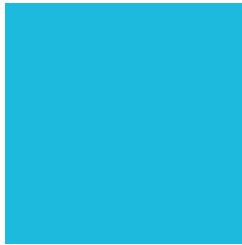
AD008E



2E0026

Previews

White Background



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

Color Contrast Check

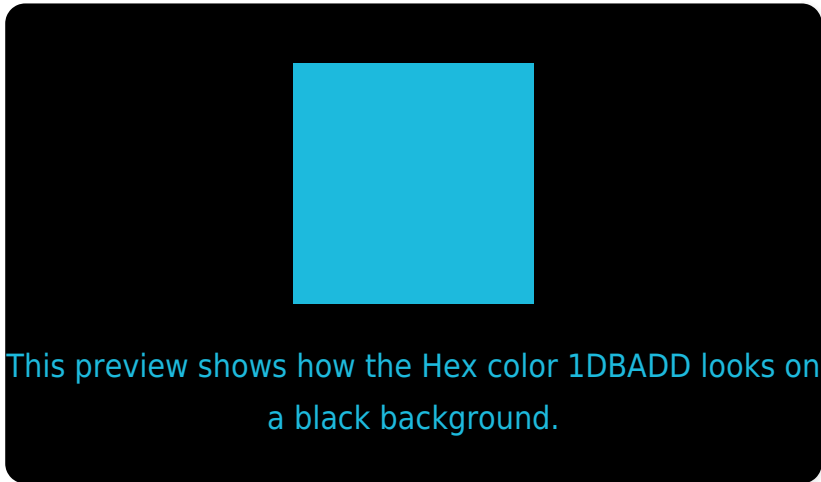
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 1DBADD Background



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

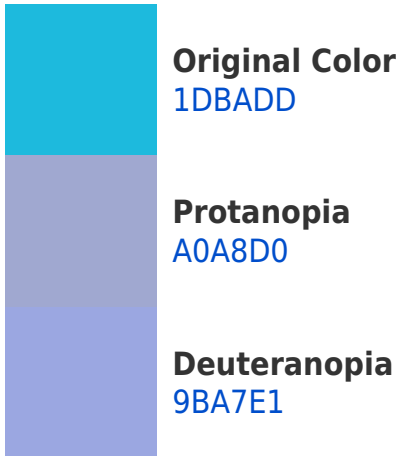


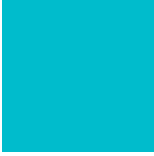
This preview shows how white text looks on a background with the Hex color 1DBADD.

Color Blindness Simulation

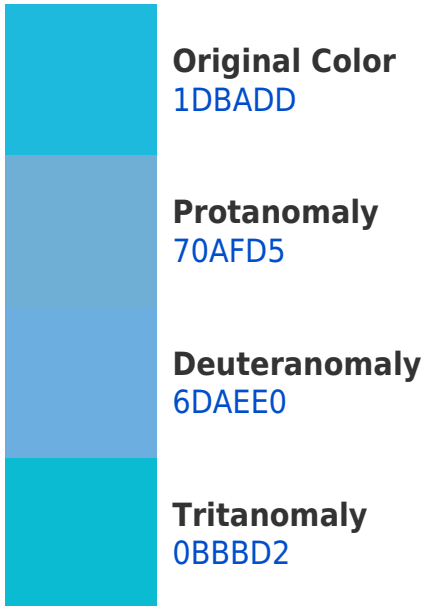
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

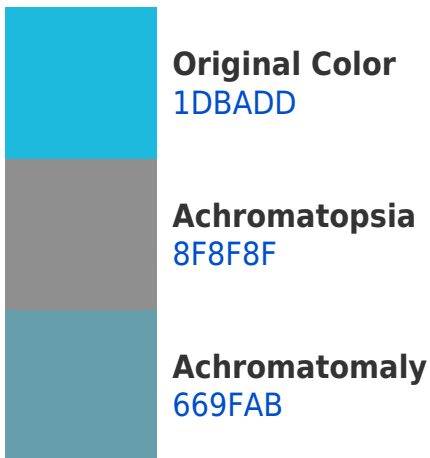




Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #1DBADD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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