

Converting Colors

Hex(1DBEBC)

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

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Color

Hex(1DBEBC)

Conversions

Conversions Part 1

Format	Color
Hex	1DBEBC
RGB	29, 190, 188
RGB Percent	11%, 75%, 74%
CMY	0.8863, 0.2549, 0.2627
CMYK	0.85, 0.00, 0.01, 0.25
HSL	179°, 74%, 43%
HSV	179°, 85%, 75%
XYZ	27.9973, 40.7190, 53.9609
YIQ	141.6330, -95.3140, -34.7540

Conversions

Conversions Part 2

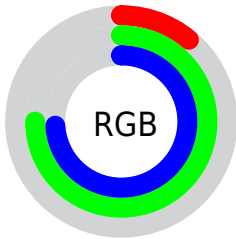
Format	Color
RYB	29, 110, 190
Decimal	1949372
CIELab	69.98, -37.92, -10.03
CIElCh	70, 39.220, 194.821
Yxy	40.7190, 0.2282, 0.3319
Android (android.graphics.Color)	4280139452 (0xFF1DBEBC)
YUV	141.6330, 22.8589, -98.7791
Hunter-Lab	63.8114, -33.3531, -5.4695

Details

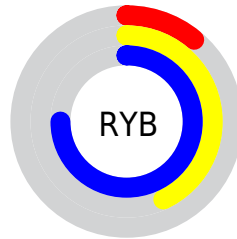
The Hex color **1DBEBC** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BE1D1F**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **6DF7F4**, and **008887** is the 20% darker color. If you saturate the color by 10%, you get **0ABEBC**, and if you desaturate by 10%, it is **30BEBC**.

Distribution



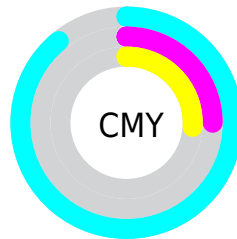
- Red (11%)
- Green (75%)
- Blue (74%)



- Red (11%)
- Yellow (43%)
- Blue (75%)



- Cyan (85%)
- Magenta (0%)
- Yellow (1%)
- Black (25%)



- Cyan (89%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients

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

 1DBEBC

 1DBEBC

FFFFFF

 00A3A1

 6DF7F4

 008887

 8DFFFF

 006E6E

 ACFFFF

 005555

 CAFFFF

 003D3E

 E9FFFF

 002828

 000115

 000000

 1DBEBC

 1DBEBC

■ 0ABEBC

■ 30BEBC

■ 00BEBC

■ 43BEBC

■ 56BEBC

■ 69BEBC

■ 7CBEBC

■ 8FBEBC

■ A2BEBC

■ B5BEBC

■ C8BEBC

Harmonies

Analogous

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



5BBD97



1DBEBC



00BBDC

Triad

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



1DBEBC



C59BDE



D2A366

Complementary

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



1DBEBC



BE1D1F

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.



E9977A



1DBEBC



E591BF

Square

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



1DBEBC



94A8F0



F08F9B



B1AF65

Rectangle

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



1DBEBC



3CB7EB



F08F9B



DB9E6B

Sweetspot

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



1DBEBC



BAF7F7



20BE1D



577D7C



FCFCFC



7D7D7D

Same Dimension

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



1DBEBC



00F7F4



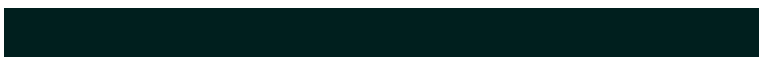
1D70BE



555E5E



009E9C



001F1E

Inverse Universe

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



BE1D1F



F70003



BE6B1D



5E5555



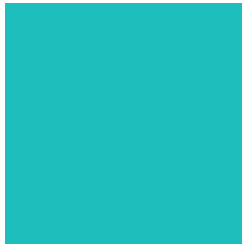
9E0002



1F0000

Previews

White Background



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

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

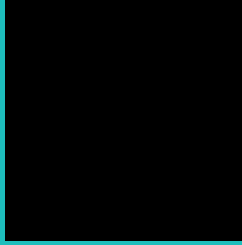
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

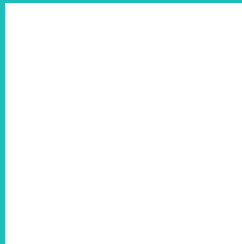
Any Text WCAG AAA ✓ Pass

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

Hex 1DBEBC Background



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

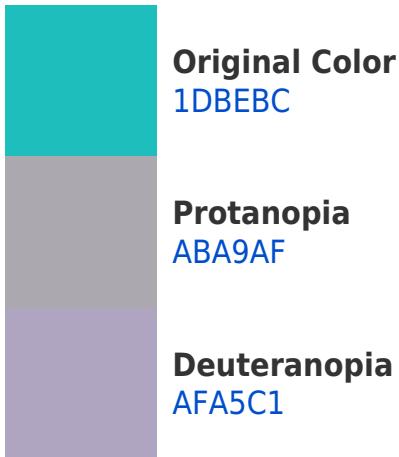


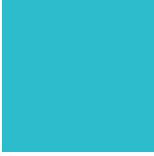
This preview shows how white text looks on a background with the Hex color 1DBEBC.

Color Blindness Simulation

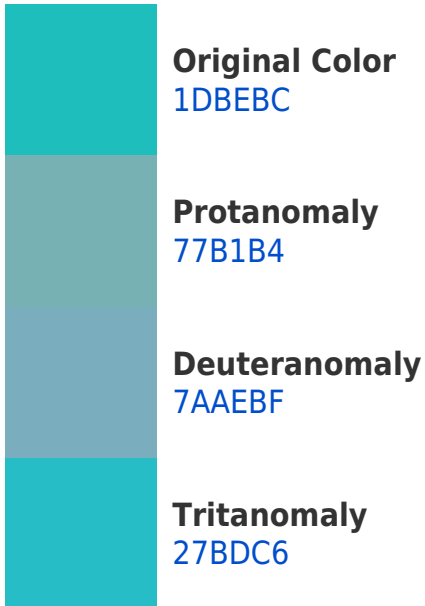
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #1DBEBC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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