

Converting Colors

Hex(1DC5BF)

Have a look what the booklet for
Hex(1DC5BF) contains.

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Color

Hex(1DC5BF)

Conversions

Conversions Part 1

Format	Color
Hex	1DC5BF
RGB	29, 197, 191
RGB Percent	11%, 77%, 75%
CMY	0.8863, 0.2275, 0.2510
CMYK	0.85, 0.00, 0.03, 0.23
HSL	178°, 74%, 44%
HSV	178°, 85%, 77%
XYZ	29.8769, 43.9553, 56.1998
YIQ	146.0840, -98.2020, -37.4820

Conversions

Conversions Part 2

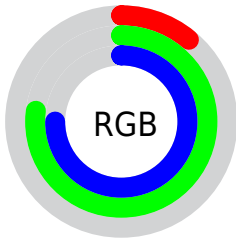
Format	Color
R_{YB}	29, 115, 197
Decimal	1951167
CIE Lab	72.20, -40.20, -8.36
CIE LCh	72, 41.061, 191.754
Yxy	43.9553, 0.2298, 0.3380
Android (android.graphics.Color)	4280141247 (0xFF1DC5BF)
YUV	146.0840, 22.1436, -102.6827
Hunter-Lab	66.2988, -35.5836, -3.8494

Details

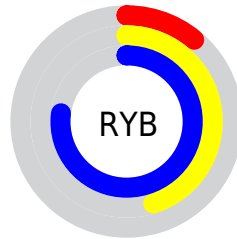
The Hex color **1DC5BF** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed spring green. A complement of this color would be **C51D23**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **6EFEF7**, and **008E8A** is the 20% darker color. If you saturate the color by 10%, you get **09C5BE**, and if you desaturate by 10%, it is **31C5C0**.

Distribution



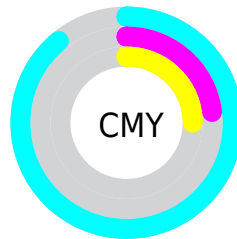
- Red (11%)
- Green (77%)
- Blue (75%)



- Red (11%)
- Yellow (45%)
- Blue (77%)



- Cyan (85%)
- Magenta (0%)
- Yellow (3%)
- Black (23%)



- Cyan (89%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DC5BF 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 1DC5BF by changing the saturation by 10% instead.

 1DC5BF

 1DC5BF

FFFFFF

 00A9A4

 6EFEF7

 008E8A

 8EFFFF

 007470

 ADFFFF

 005B58

 CCFFFF

 004241

 EBFFFF

 002C2B

 000F17

 000000

 1DC5BF

 1DC5BF

09C5BE

31C5C0

00C5BE

44C5C0

58C5C1

6CC5C2

80C5C3

93C5C3

A7C5C4

BBC5C5

CEC5C5

Harmonies

Analogous

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



61C398



1DC5BF



00C2E2

Triad

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



1DC5BF



C8A2E9



DDA76A

Complementary

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



1DC5BF



C51D23

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.



F49A81



1DC5BF



EB97C9

Square

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



1DC5BF



92B0FA



FA94A3



BBB466

Rectangle

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



1DC5BF



2FBEF2



FA94A3



E6A270

Sweetspot

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



1DC5BF



BDFFFD



25C51D



58807E



000000



808080

Same Dimension

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



1DC5BF



00FFF6



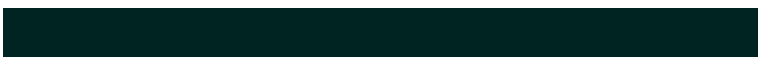
1D79C5



5A6363



00A39D



002422

Inverse Universe

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



C51D23



FF0009



C5691D



635A5A



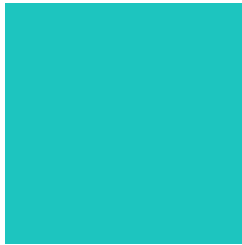
A30006



240001

Previews

White Background



This preview shows how the Hex color 1DC5BF looks on a white background.

Color Contrast Check

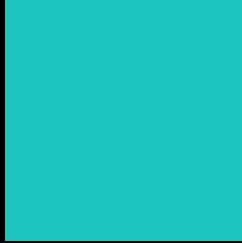
Large Text (above 18pt) WCAG AA × Fail

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 1DC5BF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

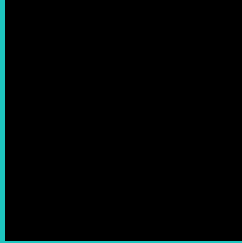
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

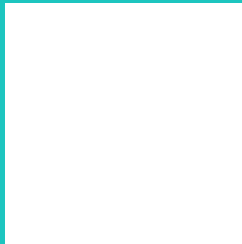
Any Text WCAG AAA ✓ Pass

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

Hex 1DC5BF Background



This preview shows how black text looks on a background with the Hex color 1DC5BF.

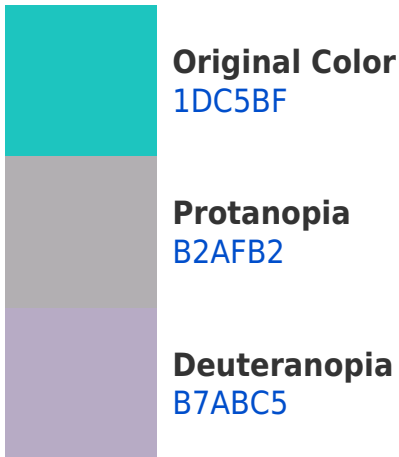


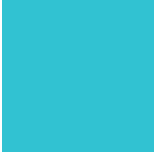
This preview shows how white text looks on a background with the Hex color 1DC5BF.

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
31C2D2

Trichromacy



Original Color
1DC5BF



Protanomaly
7CB7B7



Deuteranomaly
7FB4C3



Tritanomaly
2AC3CB

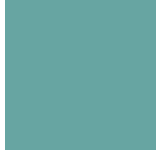
Monochromacy



Original Color
1DC5BF



Achromatopsia
929292



Achromatomaly
67A5A2

CSS Examples

Text

The CSS property to change the color of the text to Hex 1DC5BF 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 #1DC5BF looks like.

```
.text, #text, p{  
    color:#1DC5BF  
}
```

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 #1DC5BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DC5BF
}
```

Border

The CSS property to change the border of an element to Hex 1DC5BF 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
#1DC5BF }
```

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

```
.border{ border-color:#1DC5BF }
```

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

Here you see how a box with a 4 pixel #1DC5BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DC5BF; -webkit-box-shadow:4px 4px  
4px 4px #1DC5BF; box-shadow:4px 4px 4px  
4px #1DC5BF }
```

Background

The CSS property to change the background color of an element to Hex 1DC5BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DC5BF }
```

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

```
.background{ background-color:#1DC5BF }
```

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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