

Converting Colors

Hex(1DDCB9)

Have a look what the booklet for
Hex(1DDCB9) contains.

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Color

Hex(1DDCB9)

Conversions

Conversions Part 1

Format	Color
Hex	1DDCB9
RGB	29, 220, 185
RGB Percent	11%, 86%, 73%
CMY	0.8863, 0.1373, 0.2745
CMYK	0.87, 0.00, 0.16, 0.14
HSL	169°, 77%, 49%
HSV	169°, 87%, 86%
XYZ	34.8569, 54.9504, 54.6683
YIQ	158.9010, -102.6010, -51.3770

Conversions

Conversions Part 2

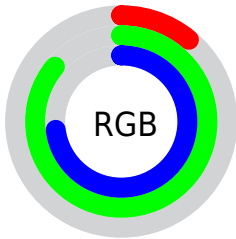
Format	Color
RYB	29, 134, 220
Decimal	1957049
CIELab	79.01, -51.64, 4.85
CIELCh	79, 51.872, 174.630
Yxy	54.9504, 0.2413, 0.3803
Android (android.graphics.Color)	4280147129 (0xFF1DDCB9)
YUV	158.9010, 12.8668, -113.9232
Hunter-Lab	74.1285, -45.7903, 8.1648

Details

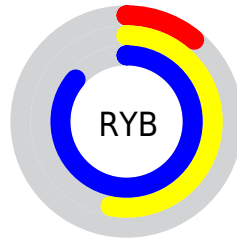
The Hex color **1DDCB9** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **DC1D40**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **72FFF1**, and **00A484** is the 20% darker color. If you saturate the color by 10%, you get **07DCB5**, and if you desaturate by 10%, it is **33DCBD**.

Distribution



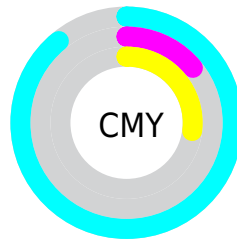
- Red (11%)
- Green (86%)
- Blue (73%)



- Red (11%)
- Yellow (53%)
- Blue (86%)



- Cyan (87%)
- Magenta (0%)
- Yellow (16%)
- Black (14%)



- Cyan (89%)
- Magenta (14%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DDCB9 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 1DDCB9 by changing the saturation by 10% instead.

 1DDCB9

 1DDCB9

FFFFFF

 00C09E

 72FFF1

 00A484

 93FFFF

 00896B

 B2FFFF

 006E53

 D2FFFF

 00553C

 F1FFFF

 003C26

 002612

 000000

 1DDCB9

 1DDCB9

07DCB5

33DCBD

00DCB4

49DCC1

5FDCC5

75DCC9

8BDCCD

A1DCD1

B7DCD5

CDDCD9

E3DCDD

Harmonies

Analogous

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



7FD78A



1DDCB9



00DCEA

Triad

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



1DDCB9



BABAFF



FFAC76

Complementary

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



1DDCB9



DC1D40

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.



FF9F9E



1DDCB9



F7A8FC

Square

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



1DDCB9



5DCBFF



FF9DCE



E9BE62

Rectangle

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



1DDCB9



00D9FF



FF9DCE



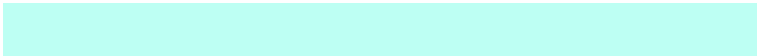
FFA782

Sweetspot

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



1DDCB9



BDFFF3



40DC1D



588078



000000



808080

Same Dimension

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



1DDCB9



00FFD0



1DA0DC



636E6C



00AD8E



002E25

Inverse Universe

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



DC1D40



FF002F



DC591D



6E6365



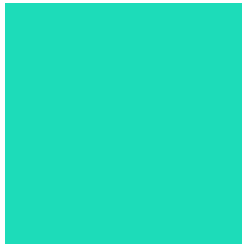
AD0020



2E0008

Previews

White Background



This preview shows how the Hex color 1DDCB9 looks on a white background.

Color Contrast Check

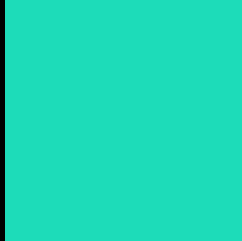
Large Text (above 18pt) WCAG AA × Fail

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 1DDCB9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

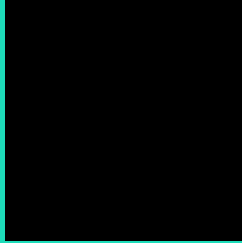
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

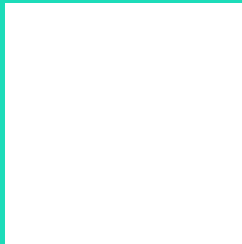
Any Text WCAG AAA ✓ Pass

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

Hex 1DDCB9 Background



This preview shows how black text looks on a background with the Hex color 1DDCB9.

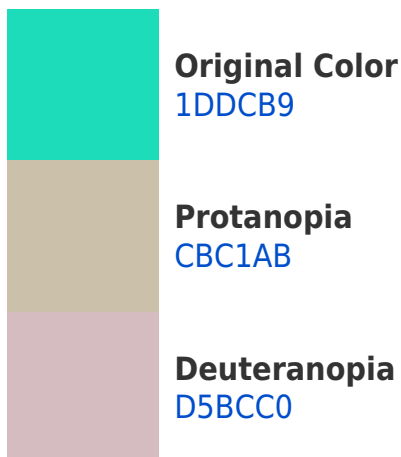


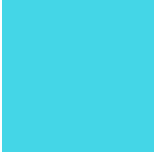
This preview shows how white text looks on a background with the Hex color 1DDCB9.

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



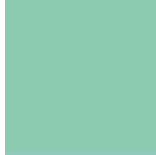


Tritanopia
44D6E7

Trichromacy



Original Color
1DDCB9



Protanomaly
8CCBB0



Deuteranomaly
92C8BD



Tritanomaly
36D8D6

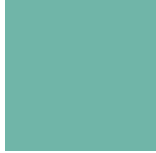
Monochromacy



Original Color
1DDCB9



Achromatopsia
9F9F9F



Achromatomaly
70B5A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 1DDCB9 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 #1DDCB9 looks like.

```
.text, #text, p{  
    color:#1DDCB9  
}
```

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 #1DDCB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DDCB9
}
```

Border

The CSS property to change the border of an element to Hex 1DDCB9 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
#1DDCB9 }
```

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

```
.border{ border-color:#1DDCB9 }
```

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

Here you see how a box with a 4 pixel #1DDCB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DDCB9; -webkit-box-shadow:4px 4px  
4px 4px #1DDCB9; box-shadow:4px 4px 4px  
4px #1DDCB9 }
```

Background

The CSS property to change the background color of an element to Hex 1DDCB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DDCB9 }
```

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

```
.background{ background-color:#1DDCB9 }
```

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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