

Converting Colors

Hex(2DD0B9)

Have a look what the booklet for
Hex(2DD0B9) contains.

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Color

Hex(2DD0B9)

Conversions

Conversions Part 1

Format	Color
Hex	2DD0B9
RGB	45, 208, 185
RGB Percent	18%, 82%, 73%
CMY	0.8235, 0.1843, 0.2745
CMYK	0.78, 0.00, 0.11, 0.18
HSL	172°, 64%, 50%
HSV	172°, 78%, 82%
XYZ	32.3950, 49.1724, 53.6828
YIQ	156.6410, -89.7650, -41.7090

Conversions

Conversions Part 2

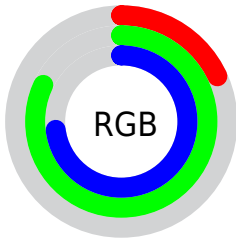
Format	Color
R _Y B	45, 133, 208
Decimal	3002553
CIE Lab	75.56, -45.39, -0.14
CIE LCh	76, 45.388, 180.176
Yxy	49.1724, 0.2395, 0.3636
Android (android.graphics.Color)	4281192633 (0xFF2DD0B9)
YUV	156.6410, 13.9810, -97.9092
Hunter-Lab	70.1230, -40.2530, 3.6966

Details

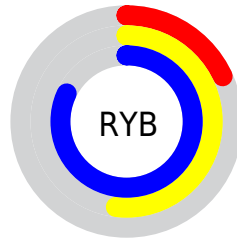
The Hex color **2DD0B9** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed spring green. A complement of this color would be **D02D44**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **77FFF1**, and **009984** is the 20% darker color. If you saturate the color by 10%, you get **18D0B6**, and if you desaturate by 10%, it is **42D0BC**.

Distribution



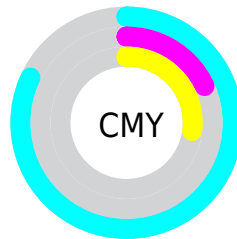
- Red (18%)
- Green (82%)
- Blue (73%)



- Red (18%)
- Yellow (52%)
- Blue (82%)



- Cyan (78%)
- Magenta (0%)
- Yellow (11%)
- Black (18%)



- Cyan (82%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DD0B9 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 2DD0B9 by changing the saturation by 10% instead.

 2DD0B9

 2DD0B9

FFFFFF

 00B49E


 77FFF1

 009984

 96FFFF

 007E6B

 B5FFFF

 006453

 D4FFFF

 004B3C

 F3FFFF

 003326

 001C12

 000000

 2DD0B9

 2DD0B9

 18D0B6

 42D0BC

 03D0B3

 57D0BF

 00D0B3

 6BD0C2

 80D0C5

 95D0C8

 AAD0CB

 BFD0CE

 D3D0D0

 E8D0D3

Harmonies

Analogous

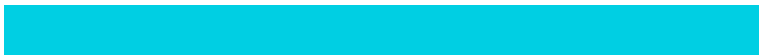
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76CC8F



2DD0B9



00CFE3

Triad

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



2DD0B9



BEAFFF



F6A972

Complementary

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



2DD0B9



D02D44

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.



FF9C92



2DD0B9



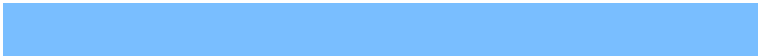
EFA0E4

Square

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



2DD0B9



79BEFF



FF99BC



D4B865

Rectangle

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



2DD0B9



00CCF9



FF99BC



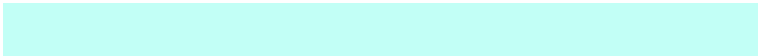
FEA47B

Sweetspot

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



2DD0B9



C2FFF6



45D02D



5B807A



000000



808080

Same Dimension

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



2DD0B9



0FFFDD



2D97D0



5E6967



00A891



002923

Inverse Universe

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



D02D44



FF0F31



D0662D



695E60



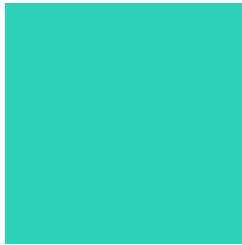
A80018



290006

Previews

White Background



This preview shows how the Hex color 2DD0B9 looks on a white background.

Color Contrast Check

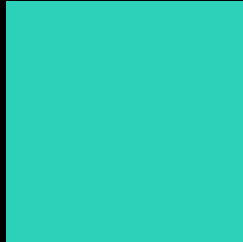
Large Text (above 18pt) WCAG AA × Fail

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 2DD0B9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

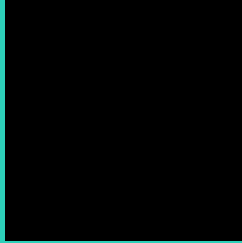
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

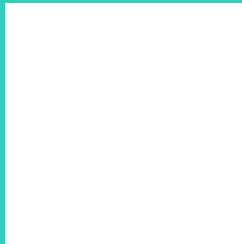
Any Text WCAG AAA ✓ Pass

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

Hex 2DD0B9 Background



This preview shows how black text looks on a background with the Hex color 2DD0B9.



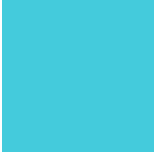
This preview shows how white text looks on a background with the Hex color 2DD0B9.

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
44CBDC

Trichromacy



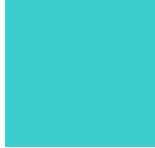
Original Color
2DD0B9



Protanomaly
8AC1B1



Deuteranomaly
8FBEBD



Tritanomaly
3CCDCF

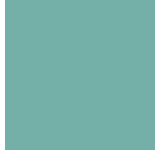
Monochromacy



Original Color
2DD0B9



Achromatopsia
9D9D9D



Achromatomaly
74B0A7

CSS Examples

Text

The CSS property to change the color of the text to Hex 2DD0B9 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 #2DD0B9 looks like.

```
.text, #text, p{  
    color:#2DD0B9  
}
```

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 #2DD0B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DD0B9
}
```

Border

The CSS property to change the border of an element to Hex 2DD0B9 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
#2DD0B9 }
```

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

```
.border{ border-color:#2DD0B9 }
```

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

Here you see how a box with a 4 pixel #2DD0B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DD0B9; -webkit-box-shadow:4px 4px  
4px 4px #2DD0B9; box-shadow:4px 4px 4px  
4px #2DD0B9 }
```

Background

The CSS property to change the background color of an element to Hex 2DD0B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DD0B9 }
```

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

```
.background{ background-color:#2DD0B9 }
```

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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