

# Converting Colors

Hex(2DD1C6)

Have a look what the booklet for  
Hex(2DD1C6) contains.

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# Color

**Hex(2DD1C6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2DD1C6
RGB	45, 209, 198
RGB Percent	18%, 82%, 78%
CMY	0.8235, 0.1804, 0.2235
CMYK	0.78, 0.00, 0.05, 0.18
HSL	176°, 65%, 50%
HSV	176°, 78%, 82%
XYZ	34.0757, 50.2360, 61.3266
YIQ	158.7100, -94.2130, -38.1890

# Conversions

## Conversions Part 2

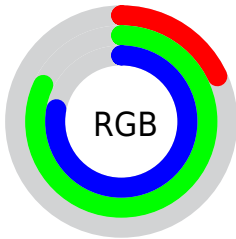
Format	Color
<a href="#">RYB</a>	45, 130, 209
Decimal	3002822
CIELab	76.21, -42.27, -6.18
CIELCh	76, 42.724, 188.315
Yxy	50.2360, 0.2340, 0.3449
Android (android.graphics.Color)	4281192902 (0xFF2DD1C6)
YUV	158.7100, 19.3700, -99.7237
Hunter-Lab	70.8774, -38.2180, -1.6865

# Details

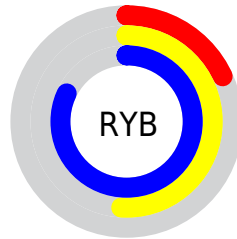
The Hex color **2DD1C6** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **D12D38**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **78FFFF**, and **009A90** is the 20% darker color. If you saturate the color by 10%, you get **18D1C5**, and if you desaturate by 10%, it is **42D1C7**.

# Distribution



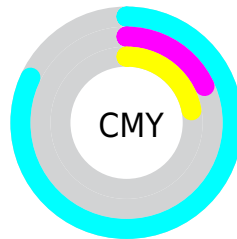
- Red (18%)
- Green (82%)
- Blue (78%)



- Red (18%)
- Yellow (51%)
- Blue (82%)



- Cyan (78%)
- Magenta (0%)
- Yellow (5%)
- Black (18%)



- Cyan (82%)
- Magenta (18%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2DD1C6 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 2DD1C6 by changing the saturation by 10% instead.



 2DD1C6

 2DD1C6

FFFFFF

 00B5AB

 78FFFF

 009A90

 98FFFF

 007F77

 B7FFFF

 00655E

 D6FFFF

 004C47

 F5FFFF

 003530

 001F1B

 000000

 2DD1C6

 2DD1C6

■ 18D1C5

■ 42D1C7

■ 03D1C3

■ 57D1C9

■ 00D1C3

■ 6CD1CA

■ 81D1CC

■ 96D1CD

■ AAD1CE

■ BFD1D0

■ D4D1D1

■ E9D1D3

# Harmonies

## Analogous

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



6ECF9D



2DD1C6



00CFEC

# Triad

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



2DD1C6



CFAEFA



EEB073

# Complementary

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



2DD1C6



D12D38

# 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.



FFA38D



2DD1C6



F6A1DA

# Square

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



2DD1C6



94BCFF



FF9DB2



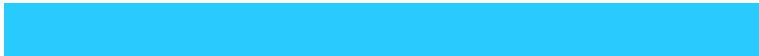
CBBD6D

# Rectangle

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



2DD1C6



28CBFE



FF9DB2



F7AB7A

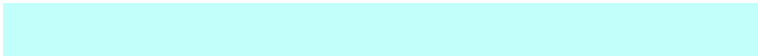


# Sweetspot

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



2DD1C6



C2FFFB



3BD12D



5B807D



000000



808080



# Same Dimension

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



2DD1C6



0FFFEF



2D8DD1



5E6968



00A89D



002926



# Inverse Universe

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



D12D38



FF0F1F



D1712D



695E5F



A8000B

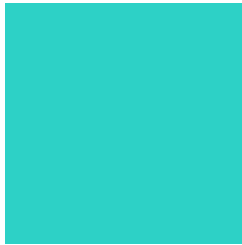


290003



# Previews

## White Background



This preview shows how the Hex color 2DD1C6 looks on a white background.

## Color Contrast Check

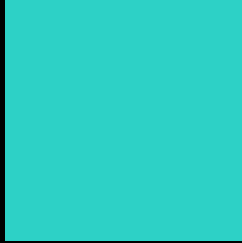
Large Text (above 18pt) WCAG AA × Fail

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 2DD1C6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

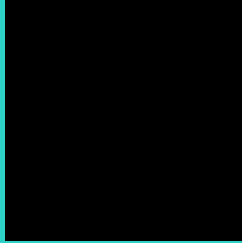
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

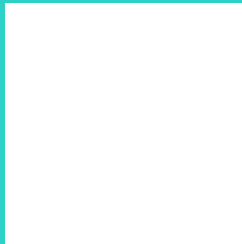
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2DD1C6 Background



This preview shows how black text looks on a background with the Hex color 2DD1C6.

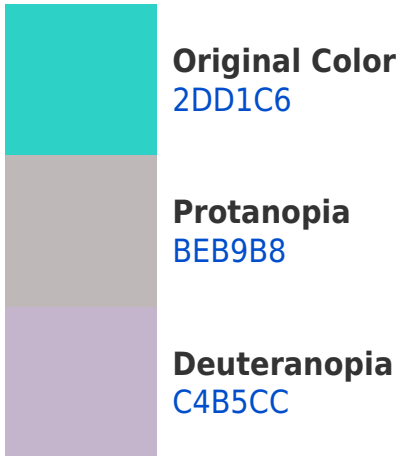


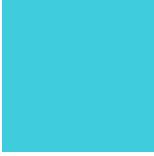
This preview shows how white text looks on a background with the Hex color 2DD1C6.

# Color Blindness Simulation

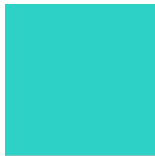
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



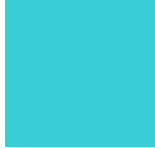
**Original Color**  
2DD1C6



**Protanomaly**  
89C2BD



**Deuteranomaly**  
8DBFCA

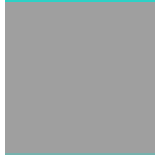


**Tritanomaly**  
38CED5

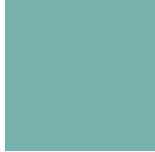
# Monochromacy



**Original Color**  
2DD1C6



**Achromatopsia**  
9F9F9F



**Achromatomaly**  
76B1AD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2DD1C6 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 #2DD1C6 looks like.

```
.text, #text, p{  
    color:#2DD1C6  
}
```

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 #2DD1C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DD1C6
}
```

## Border

The CSS property to change the border of an element to Hex 2DD1C6 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
#2DD1C6 }
```

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

```
.border{ border-color:#2DD1C6 }
```

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

Here you see how a box with a 4 pixel #2DD1C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DD1C6; -webkit-box-shadow:4px 4px  
4px 4px #2DD1C6; box-shadow:4px 4px 4px  
4px #2DD1C6 }
```

# Background

The CSS property to change the background color of an element to Hex 2DD1C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DD1C6 }
```

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

```
.background{ background-color:#2DD1C6 }
```

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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