

# Converting Colors

Hex(2DC8C1)

Have a look what the booklet for  
Hex(2DC8C1) contains.

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# Color

**Hex(2DC8C1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2DC8C1
RGB	45, 200, 193
RGB Percent	18%, 78%, 76%
CMY	0.8235, 0.2157, 0.2431
CMYK	0.77, 0.00, 0.04, 0.22
HSL	177°, 63%, 48%
HSV	177°, 77%, 78%
XYZ	31.3621, 45.7167, 57.6233
YIQ	152.8570, -90.1330, -35.0370

# Conversions

## Conversions Part 2

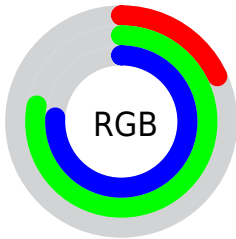
Format	Color
<a href="#">RYB</a>	45, 124, 200
Decimal	3000513
CIELab	73.36, -39.67, -7.70
CIELCh	73, 40.410, 190.989
Yxy	45.7167, 0.2328, 0.3394
Android (android.graphics.Color)	4281190593 (0xFF2DC8C1)
YUV	152.8570, 19.7905, -94.5906
Hunter-Lab	67.6141, -35.5294, -3.1993

# Details

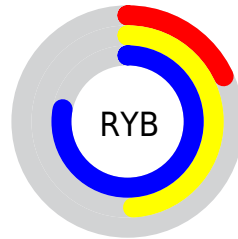
The Hex color **2DC8C1** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted cyan. A complement of this color would be **C82D34**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **76FFF9**, and **00918C** is the 20% darker color. If you saturate the color by 10%, you get **19C8C0**, and if you desaturate by 10%, it is **41C8C2**.

# Distribution



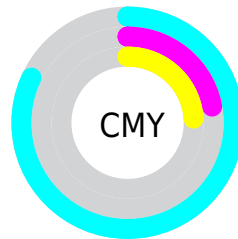
- Red (18%)
- Green (78%)
- Blue (76%)



- Red (18%)
- Yellow (49%)
- Blue (78%)



- Cyan (77%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)



- Cyan (82%)
- Magenta (22%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2DC8C1 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 2DC8C1 by changing the saturation by 10% instead.



 2DC8C1

 2DC8C1

FFFFFF

 00ACA6

 76FFF9

 00918C

 95FFFF

 007772

 B4FFFF

 005E5A

 D3FFFF

 004542

 F2FFFF

 002E2C

 001518

 000000

 2DC8C1

 2DC8C1

■ 19C8C0

■ 41C8C2

■ 05C8BF

■ 55C8C3

■ 00C8BF

■ 69C8C4

■ 7DC8C5

■ 91C8C6

■ A5C8C6

■ B9C8C7

■ CDC8C8

■ E1C8C9

# Harmonies

## Analogous

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



67C69B



2DC8C1



00C6E4

# Triad

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



2DC8C1



CAA6EC



E0AA6E

# Complementary

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



2DC8C1



C82D34

# 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.



F79E85



2DC8C1



ED9ACD

# Square

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



2DC8C1



94B3FD



FC97A8



BFB66A

# Rectangle

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



2DC8C1



38C1F4



FC97A8



E9A574

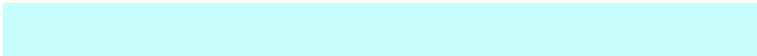


# Sweetspot

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



2DC8C1



C4FFFC



35C82D



5C807E



000000



808080



# Same Dimension

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



2DC8C1



12FFF4



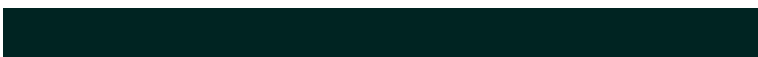
2D82C8



5A6363



00A39C



002422



# Inverse Universe

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



C82D34



FF121D



C8732D



635A5A



A30007

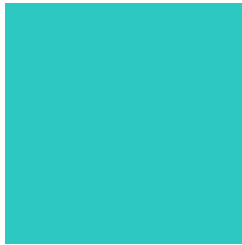


240002



# Previews

## White Background



This preview shows how the Hex color 2DC8C1 looks on a white background.

## Color Contrast Check

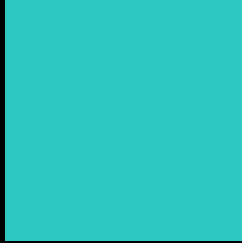
Large Text (above 18pt) WCAG AA × Fail

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 2DC8C1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

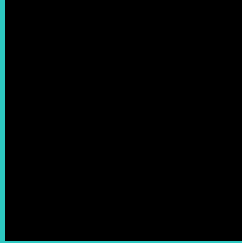
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

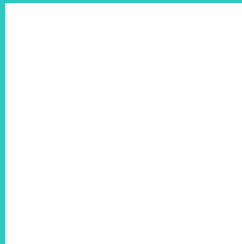
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2DC8C1 Background



This preview shows how black text looks on a background with the Hex color 2DC8C1.

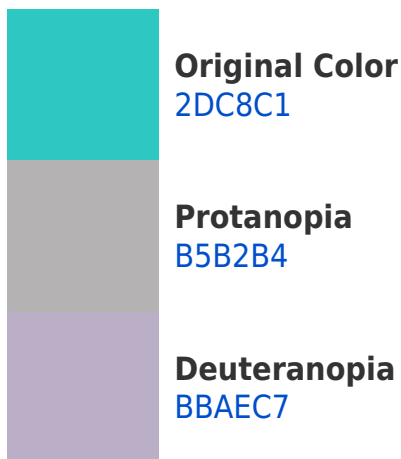


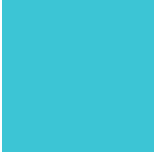
This preview shows how white text looks on a background with the Hex color 2DC8C1.

# 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**  
3CC5D5

# Trichromacy



**Original Color**  
2DC8C1



**Protanomaly**  
84BAB9



**Deuteranomaly**  
87B7C5



**Tritanomaly**  
37C6CE

# Monochromacy



**Original Color**  
2DC8C1



**Achromatopsia**  
999999



**Achromatomaly**  
72AAA8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2DC8C1 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 #2DC8C1 looks like.

```
.text, #text, p{  
    color:#2DC8C1  
}
```

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 #2DC8C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DC8C1
}
```

## Border

The CSS property to change the border of an element to Hex 2DC8C1 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
#2DC8C1 }
```

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

```
.border{ border-color:#2DC8C1 }
```

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

Here you see how a box with a 4 pixel #2DC8C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DC8C1; -webkit-box-shadow:4px 4px  
4px 4px #2DC8C1; box-shadow:4px 4px 4px  
4px #2DC8C1 }
```

# Background

The CSS property to change the background color of an element to Hex 2DC8C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DC8C1 }
```

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

```
.background{ background-color:#2DC8C1 }
```

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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