

# Converting Colors

Hex(2DC3CC)

Have a look what the booklet for  
Hex(2DC3CC) contains.

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# Color

Hex(2DC3CC)

# Conversions

## Conversions Part 1

Format	Color
Hex	2DC3CC
RGB	45, 195, 204
RGB Percent	18%, 76%, 80%
CMY	0.8235, 0.2353, 0.2000
CMYK	0.78, 0.04, 0.00, 0.20
HSL	183°, 64%, 49%
HSV	183°, 78%, 80%
XYZ	31.4964, 43.9477, 63.9495
YIQ	151.1760, -92.2890, -29.0010

# Conversions

## Conversions Part 2

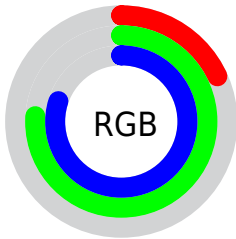
Format	Color
<a href="#">RYB</a>	45, 122, 204
Decimal	2999244
CIELab	72.19, -34.14, -15.43
CIElCh	72, 37.469, 204.322
Yxy	43.9477, 0.2260, 0.3153
Android (android.graphics.Color)	4281189324 (0xFF2DC3CC)
YUV	151.1760, 26.0422, -93.1164
Hunter-Lab	66.2931, -31.2061, -10.7888

# Details

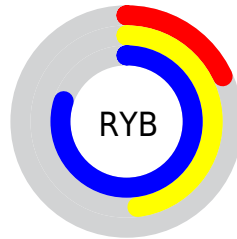
The Hex color **2DC3CC** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted cyan. A complement of this color would be **CC362D**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **77FCFF**, and **008D96** is the 20% darker color. If you saturate the color by 10%, you get **19C2CC**, and if you desaturate by 10%, it is **41C4CC**.

# Distribution



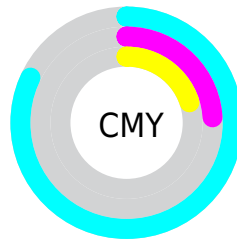
- Red (18%)
- Green (76%)
- Blue (80%)



- Red (18%)
- Yellow (48%)
- Blue (80%)



- Cyan (78%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



- Cyan (82%)
- Magenta (24%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2DC3CC 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 2DC3CC by changing the saturation by 10% instead.



 2DC3CC

 2DC3CC

FFFFFF

 00A7B1

 77FCFF

 008D96

 96FFFF

 00737C

 B5FFFF

 005A63

 D4FFFF

 00414B

 F2FFFF

 002B35

 001020

 000005

 000000

■ 2DC3CC

■ 2DC3CC

■ 19C2CC

■ 41C4CC

■ 04C1CC

■ 56C5CC

■ 00C0CC

■ 6AC6CC

■ 7FC8CC

■ 93C9CC

■ A7CACC

■ BCCBCC

■ D0CCCC

■ E5CDCC

# Harmonies

## Analogous

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



57C3A9



2DC3CC



3CBFE8

# Triad

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



2DC3CC



D69ED9



CEAD6D

# Complementary

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



2DC3CC



CC362D

# 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.



E8A17B



2DC3CC



EF97B9

# Square

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



2DC3CC



ACABEF



F49897



ABB772

# Rectangle

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



2DC3CC



62BAF2



F49897



D8A96F



# Sweetspot

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



2DC3CC



C4FCFF



2DCC35



5C7D80



000000



808080



# Same Dimension

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



2DC3CC



0FF1FF



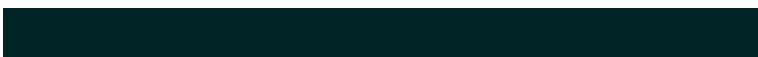
2D75CC



5C6566



009CA6



002426



# Inverse Universe

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



CC2DC3



FF0FF1



CC842D



665C65



A6009C



260024



# Previews

## White Background



This preview shows how the Hex color 2DC3CC 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 2DC3CC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

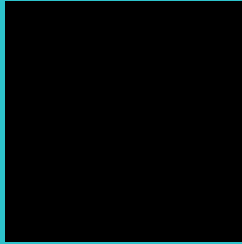
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

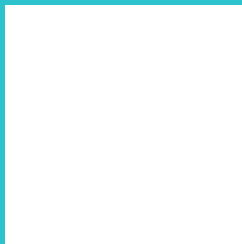
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2DC3CC Background



This preview shows how black text looks on a background with the Hex color 2DC3CC.



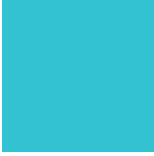
This preview shows how white text looks on a background with the Hex color 2DC3CC.

# 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**  
32C2D2

# Trichromacy



**Original Color**  
2DC3CC



**Protanomaly**  
7FB6C4



**Deuteranomaly**  
80B4CF



**Tritanomaly**  
30C2D0

# Monochromacy



**Original Color**  
2DC3CC



**Achromatopsia**  
979797



**Achromatomaly**  
70A7AA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2DC3CC 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 #2DC3CC looks like.

```
.text, #text, p{  
    color:#2DC3CC  
}
```

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 #2DC3CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DC3CC
}
```

## Border

The CSS property to change the border of an element to Hex 2DC3CC 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
#2DC3CC }
```

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

```
.border{ border-color:#2DC3CC }
```

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

Here you see how a box with a 4 pixel #2DC3CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DC3CC; -webkit-box-shadow:4px 4px  
4px 4px #2DC3CC; box-shadow:4px 4px 4px  
4px #2DC3CC }
```

# Background

The CSS property to change the background color of an element to Hex 2DC3CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DC3CC }
```

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

```
.background{ background-color:#2DC3CC }
```

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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