

# Converting Colors

Hex(2DC5CE)

Have a look what the booklet for  
Hex(2DC5CE) contains.

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# **Color**

**Hex(2DC5CE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2DC5CE
RGB	45, 197, 206
RGB Percent	18%, 77%, 81%
CMY	0.8235, 0.2275, 0.1922
CMYK	0.78, 0.04, 0.00, 0.19
HSL	183°, 64%, 49%
HSV	183°, 78%, 81%
XYZ	32.1890, 44.9466, 65.3715
YIQ	152.5780, -93.4810, -29.4250

# Conversions

## Conversions Part 2

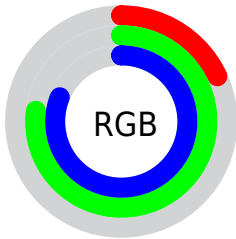
Format	Color
R <sub>Y</sub> B	45, 123, 206
Decimal	2999758
CIE Lab	72.86, -34.48, -15.52
CIE LCh	73, 37.816, 204.232
Yxy	44.9466, 0.2259, 0.3154
Android (android.graphics.Color)	4281189838 (0xFF2DC5CE)
YUV	152.5780, 26.3370, -94.3459
Hunter-Lab	67.0422, -31.6207, -10.8829

# Details

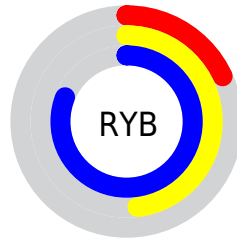
The Hex color **2DC5CE** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted cyan. A complement of this color would be **CE362D**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **77FEFF**, and **008F98** is the 20% darker color. If you saturate the color by 10%, you get **18C4CE**, and if you desaturate by 10%, it is **42C6CE**.

# Distribution



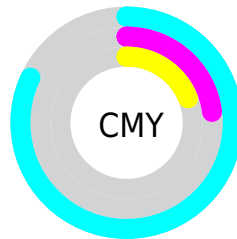
- Red (18%)
- Green (77%)
- Blue (81%)



- Red (18%)
- Yellow (48%)
- Blue (81%)



- Cyan (78%)
- Magenta (4%)
- Yellow (0%)
- Black (19%)



- Cyan (82%)
- Magenta (23%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2DC5CE 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 2DC5CE by changing the saturation by 10% instead.



 2DC5CE

 2DC5CE

FFFFFF

 00A9B3

 77FEFF

 008F98

 97FFFF

 00757E

 B6FFFF

 005B65

 D4FFFF

 00434D

 F3FFFF

 002C36

 001321

 000008

 000000

 2DC5CE

 2DC5CE

 18C4CE

 42C6CE

 04C3CE

 56C7CE

 00C2CE

 6BC8CE

 7FCACE

 94CBCE

 A9CCCE

 BDCDCE

 D2CECE

 E6CFCE

# Harmonies

## Analogous

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



58C5AB



2DC5CE



3CC1EA

# Triad

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



2DC5CE



D8A0DC



D0AE6E

# Complementary

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



2DC5CE



CE362D

# 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.



EAA27C



2DC5CE



F199BB

# Square

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



2DC5CE



ADACF2



F69A98



ADB973

# Rectangle

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



2DC5CE



62BCF5



F69A98



DAAA70



# Sweetspot

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



2DC5CE



C4FCFF



2DCE35



5C7E80



000000



808080



# Same Dimension

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



2DC5CE



0FF2FF



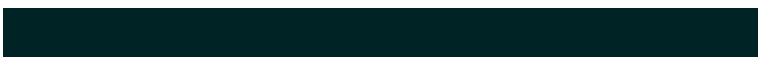
2D75CE



5C6566



009CA6



002426



# Inverse Universe

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



CE2DC5



FF0FF2



CE862D



665C65



A6009C

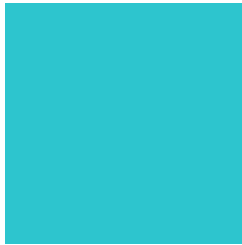


260024



# Previews

## White Background



This preview shows how the Hex color 2DC5CE looks on a white background.

## Color Contrast Check

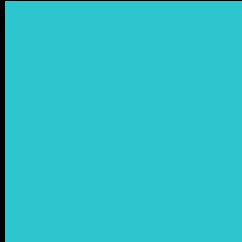
Large Text (above 18pt) WCAG AA × Fail

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 2DC5CE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

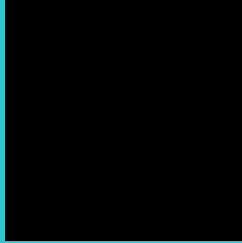
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

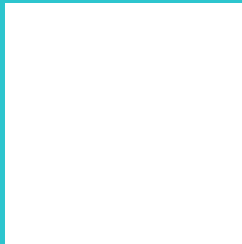
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2DC5CE Background



This preview shows how black text looks on a background with the Hex color 2DC5CE.

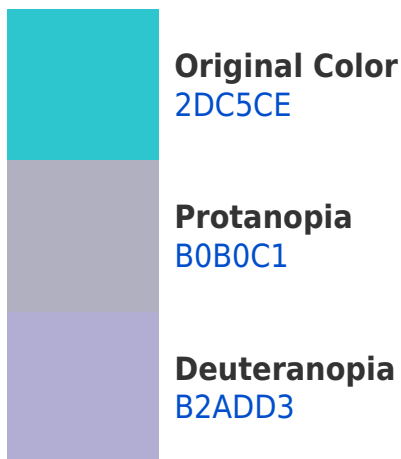


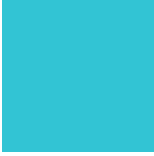
This preview shows how white text looks on a background with the Hex color 2DC5CE.

# 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**  
32C4D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2DC5CE 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 #2DC5CE looks like.

```
.text, #text, p{  
    color:#2DC5CE  
}
```

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 #2DC5CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DC5CE
}
```

## Border

The CSS property to change the border of an element to Hex 2DC5CE 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
#2DC5CE }
```

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

```
.border{ border-color:#2DC5CE }
```

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

Here you see how a box with a 4 pixel #2DC5CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DC5CE; -webkit-box-shadow:4px 4px  
4px 4px #2DC5CE; box-shadow:4px 4px 4px  
4px #2DC5CE }
```

# Background

The CSS property to change the background color of an element to Hex 2DC5CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DC5CE }
```

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

```
.background{ background-color:#2DC5CE }
```

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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