

Converting Colors

Hex(2DC5CB)

Have a look what the booklet for
Hex(2DC5CB) contains.

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Color

Hex(2DC5CB)

Conversions

Conversions Part 1

Format	Color
Hex	2DC5CB
RGB	45, 197, 203
RGB Percent	18%, 77%, 80%
CMY	0.8235, 0.2275, 0.2039
CMYK	0.78, 0.03, 0.00, 0.20
HSL	182°, 64%, 49%
HSV	182°, 78%, 80%
XYZ	31.8279, 44.8022, 63.4701
YIQ	152.2360, -92.5180, -30.3580

Conversions

Conversions Part 2

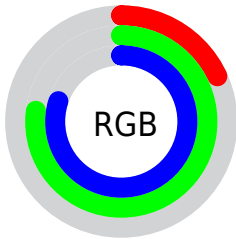
Format	Color
RYB	45, 122, 203
Decimal	2999755
CIELab	72.76, -35.38, -14.03
CIELCh	73, 38.063, 201.635
Yxy	44.8022, 0.2272, 0.3198
Android (android.graphics.Color)	4281189835 (0xFF2DC5CB)
YUV	152.2360, 25.0267, -94.0460
Hunter-Lab	66.9344, -32.2569, -9.3672

Details

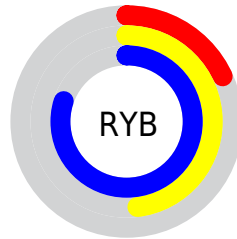
The Hex color **2DC5CB** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted cyan. A complement of this color would be **CB332D**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **77FEFF**, and **008F95** is the 20% darker color. If you saturate the color by 10%, you get **19C4CB**, and if you desaturate by 10%, it is **41C6CB**.

Distribution



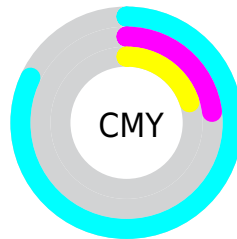
- Red (18%)
- Green (77%)
- Blue (80%)



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



- Cyan (78%)
- Magenta (3%)
- Yellow (0%)
- Black (20%)



- Cyan (82%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DC5CB 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 2DC5CB by changing the saturation by 10% instead.


 2DC5CB

 2DC5CB

FFFFFF

 00A9B0

 77FEFF

 008F95

 96FFFF

 00757B

 B5FFFF

 005B62

 D4FFFF

 00434B

 F3FFFF

 002C34

 00131F

 000004

 000000

■ 2DC5CB

■ 2DC5CB

■ 19C4CB

■ 41C6CB

■ 04C3CB

■ 56C7CB

■ 00C3CB

■ 6AC7CB

■ 7EC8CB

■ 93C9CB

■ A7CACB

■ BBCACB

■ CFCBCB

■ E4CCCB

Harmonies

Analogous

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



5BC5A7



2DC5CB



35C1E8

Triad

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



2DC5CB



D5A1DE



D2AD6D

Complementary

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



2DC5CB



CB332D

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.



ECA17D



2DC5CB



F098BE

Square

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



2DC5CB



A9ADF3



F7999B



B0B871

Rectangle

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



2DC5CB



5CBCF4



F7999B



DCA971

Sweetspot

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



2DC5CB



C4FDFD



2DCB32



5C7E80



000000



808080

Same Dimension

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



2DC5CB



12F6FF



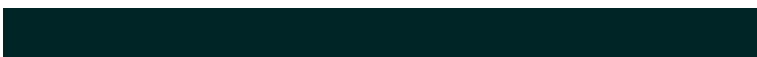
2D77CB



5C6666



009FA6



002526

Inverse Universe

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



CB2DC5



FF12F6



CB812D



665C66



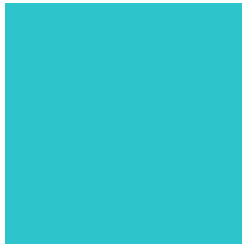
A6009F



260025

Previews

White Background



This preview shows how the Hex color 2DC5CB looks on a white background.

Color Contrast Check

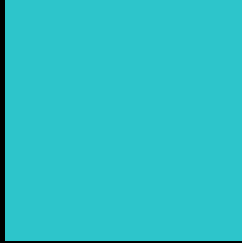
Large Text (above 18pt) WCAG AA × Fail

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 2DC5CB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

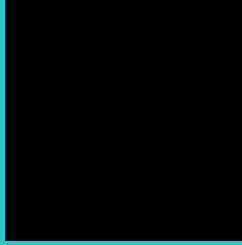
Any Text WCAG AA ✓ Pass

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 2DC5CB Background



This preview shows how black text looks on a background with the Hex color 2DC5CB.

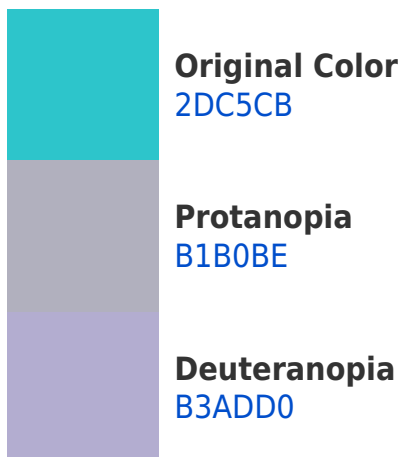


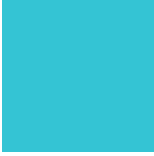
This preview shows how white text looks on a background with the Hex color 2DC5CB.

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
34C4D4

Trichromacy



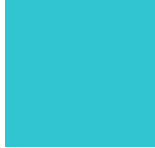
Original Color
2DC5CB



Protanomaly
81B8C3



Deuteranomaly
82B6CE



Tritanomaly
31C4D1

Monochromacy



Original Color
2DC5CB



Achromatopsia
989898



Achromatomaly
71A8AB

CSS Examples

Text

The CSS property to change the color of the text to Hex 2DC5CB 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 #2DC5CB looks like.

```
.text, #text, p{  
    color:#2DC5CB  
}
```

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 #2DC5CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DC5CB
}
```

Border

The CSS property to change the border of an element to Hex 2DC5CB 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
#2DC5CB }
```

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

```
.border{ border-color:#2DC5CB }
```

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

Here you see how a box with a 4 pixel #2DC5CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DC5CB; -webkit-box-shadow:4px 4px  
4px 4px #2DC5CB; box-shadow:4px 4px 4px  
4px #2DC5CB }
```

Background

The CSS property to change the background color of an element to Hex 2DC5CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DC5CB }
```

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

```
.background{ background-color:#2DC5CB }
```

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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