

Converting Colors

Hex(51DCCD)

Have a look what the booklet for
Hex(51DCCD) contains.

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Color

Hex(51DCCD)

Conversions

Conversions Part 1

Format	Color
Hex	51DCCD
RGB	81, 220, 205
RGB Percent	32%, 86%, 80%
CMY	0.6824, 0.1373, 0.1961
CMYK	0.63, 0.00, 0.07, 0.14
HSL	174°, 67%, 59%
HSV	174°, 63%, 86%
XYZ	40.0060, 57.3435, 66.7175
YIQ	176.7290, -78.0290, -34.1330

Conversions

Conversions Part 2

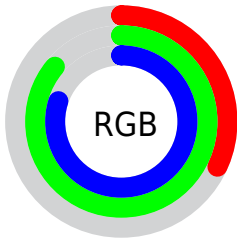
Format	Color
RYB	81, 154, 220
Decimal	5364941
CIELab	80.37, -40.69, -3.71
CIELCh	80, 40.854, 185.215
Yxy	57.3435, 0.2438, 0.3495
Android (android.graphics.Color)	4283555021 (0xFF51DCCD)
YUV	176.7290, 13.9376, -83.9543
Hunter-Lab	75.7255, -38.2176, 0.7708

Details

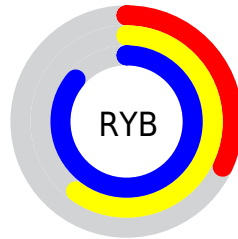
The Hex color **51DCCD** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **DC5160**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **91FFFF**, and **00A497** is the 20% darker color. If you saturate the color by 10%, you get **3BDCCB**, and if you desaturate by 10%, it is **67DCCF**.

Distribution



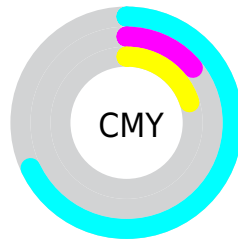
- Red (32%)
- Green (86%)
- Blue (80%)



- Red (32%)
- Yellow (60%)
- Blue (86%)



- Cyan (63%)
- Magenta (0%)
- Yellow (7%)
- Black (14%)



- Cyan (68%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51DCCD 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 51DCCD by changing the saturation by 10% instead.

 51DCCD

 51DCCD

FFFFFF

 2AC0B2

 91FFFF

 00A497

 AFFFFFF

 00897D

 CDFFFF

 006F64

 ECFFFF

 00564C

 003E36

 002920

 00030A

 000000

 51DCCD

 51DCCD

 3BDCCB

 67DCCF

 25DCC8

 7DDCD2

 0FDCC6

 93DCD4

 00DCC4

 A9DCD6

 BFD9CD

 D5DCDB

 EBDCDE

 FFDCE0

 FFDCE2

Harmonies

Analogous

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



83D9A6



51DCCD



2FDAF2

Triad

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



51DCCD



D5BBFF



FBBA83

Complementary

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



51DCCD



DC5160

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.



FFAF9D



51DCCD



FDAFE8

Square

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



51DCCD



9CC9FF



FFAAC2



DAC77B

Rectangle

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



51DCCD



47D7FF



FFAAC2



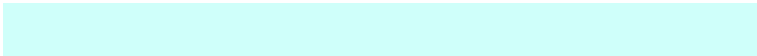
FFB68A

Sweetspot

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



51DCCD



CFFFA



61DC51



62807C



000000



808080

Same Dimension

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



51DCCD



3DFFEA



51A7DC



636E6C



00AD9B



002E29

Inverse Universe

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



DC5160



FF3D52



DC8651



6E6364



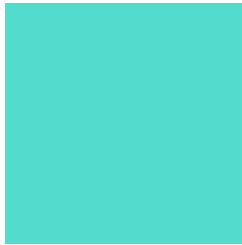
AD0013



2E0005

Previews

White Background



This preview shows how the Hex color 51DCCD looks on a white background.

Color Contrast Check

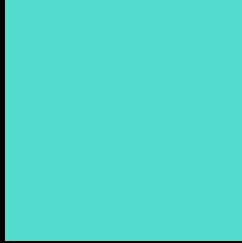
Large Text (above 18pt) WCAG AA × Fail

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 51DCCD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

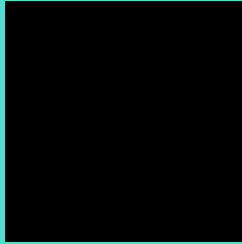
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

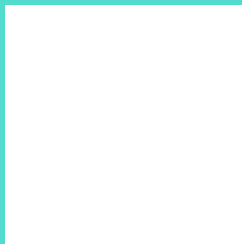
Any Text WCAG AAA ✓ Pass

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

Hex 51DCCD Background



This preview shows how black text looks on a background with the Hex color 51DCCD.

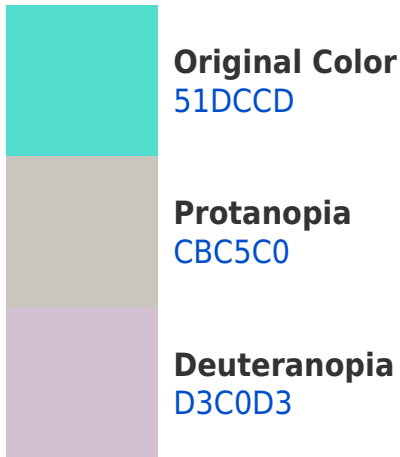


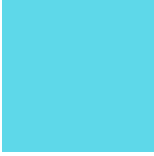
This preview shows how white text looks on a background with the Hex color 51DCCD.

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
5ED8E9

Trichromacy



Original Color
51DCCD



Protanomaly
9FCDC5



Deuteranomaly
A4CAD1

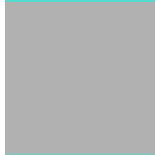


Tritanomaly
59D9DF

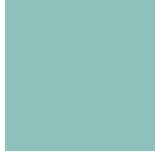
Monochromacy



Original Color
51DCCD



Achromatopsia
B1B1B1



Achromatomaly
8EC1BB

CSS Examples

Text

The CSS property to change the color of the text to Hex 51DCCD 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 #51DCCD looks like.

```
.text, #text, p{  
    color:#51DCCD  
}
```

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 #51DCCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51DCCD
}
```

Border

The CSS property to change the border of an element to Hex 51DCCD 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
#51DCCD }
```

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

```
.border{ border-color:#51DCCD }
```

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

Here you see how a box with a 4 pixel #51DCCD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51DCCD; -webkit-box-shadow:4px 4px  
4px 4px #51DCCD; box-shadow:4px 4px 4px  
4px #51DCCD }
```

Background

The CSS property to change the background color of an element to Hex 51DCCD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51DCCD }
```

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

```
.background{ background-color:#51DCCD }
```

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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