

Converting Colors

Hex(51CFBD)

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

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Color

Hex(**51CFBD**)

Conversions

Conversions Part 1

Format	Color
Hex	51CFBD
RGB	81, 207, 189
RGB Percent	32%, 81%, 74%
CMY	0.6824, 0.1882, 0.2588
CMYK	0.61, 0.00, 0.09, 0.19
HSL	171°, 57%, 56%
HSV	171°, 61%, 81%
XYZ	34.8915, 50.0491, 55.9656
YIQ	167.2740, -69.3180, -32.3100

Conversions

Conversions Part 2

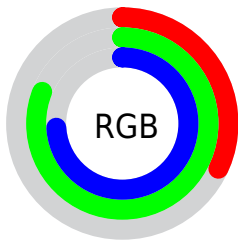
Format	Color
RYB	81, 149, 207
Decimal	5361597
CIELab	76.10, -38.97, -1.42
CIElCh	76, 38.994, 182.081
Yxy	50.0491, 0.2476, 0.3552
Android (android.graphics.Color)	4283551677 (0xFF51CFBD)
YUV	167.2740, 10.7109, -75.6623
Hunter-Lab	70.7454, -35.7686, 2.6184

Details

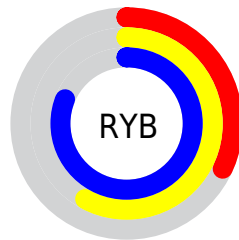
The Hex color **51CFBD** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **CF5163**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **8EFFF5**, and **009888** is the 20% darker color. If you saturate the color by 10%, you get **3CCFBA**, and if you desaturate by 10%, it is **66CFC0**.

Distribution



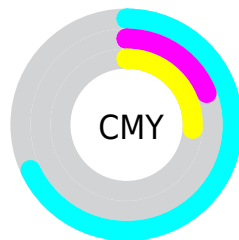
- Red (32%)
- Green (81%)
- Blue (74%)



- Red (32%)
- Yellow (58%)
- Blue (81%)



- Cyan (61%)
- Magenta (0%)
- Yellow (9%)
- Black (19%)



- Cyan (68%)
- Magenta (19%)
- Yellow (26%)

Brightness & Saturation Gradients

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

 51CFBD

 51CFBD

FFFFFF

 2DB3A2

 8EFFF5

 009888

 ACFFFF

 007E6E

 CAFFFF

 006456

 E8FFFF

 004B3F

 003329

 001E15

 000000

 51CFBD

 51CFBD

 3CCFBA

 66CFC0

 28CFB7

 7ACFC3

 13CFB4

 8FCFC6

 00CFB1

 A4CFC9

 B9CFCC

 CDCFCF

 E2CFD2

 F7CFD5

 FFCFD8

Harmonies

Analogous

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



80CC99



51CFBD



2DCEE1

Triad

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



51CFBD



C3B1F9



EFAE7D

Complementary

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



51CFBD



CF5163

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.



FFA397



51CFBD



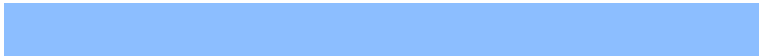
EBA5DE

Square

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



51CFBD



8CBEFF



FFA0BA



D1BA73

Rectangle

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



51CFBD



3DCBF3



FFA0BA



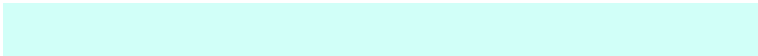
F7AA84

Sweetspot

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



51CFBD



D1FFF8



64CF51



63807B



000000



808080

Same Dimension

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



51CFBD



45FFE4



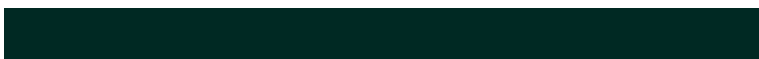
51A3CF



5E6967



00A890



002923

Inverse Universe

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



CF5163



FF455F



CF7D51



695E60



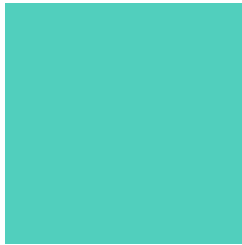
A80018



290006

Previews

White Background



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

Color Contrast Check

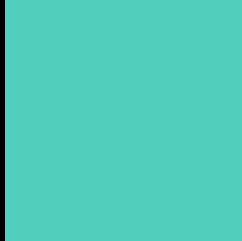
Large Text (above 18pt) WCAG AA × Fail

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 51CFBD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

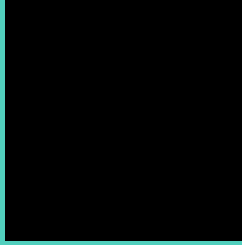
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

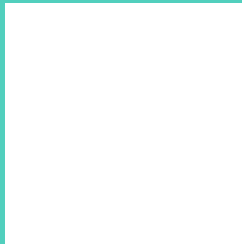
Any Text WCAG AAA ✓ Pass

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

Hex 51CFBD Background



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

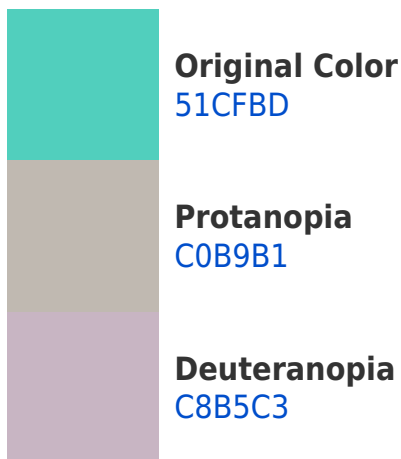


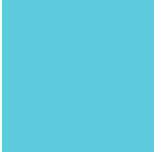
This preview shows how white text looks on a background with the Hex color 51CFBD.

Color Blindness Simulation

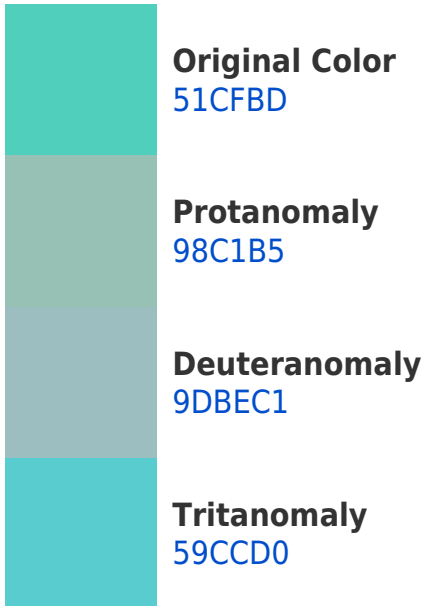
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

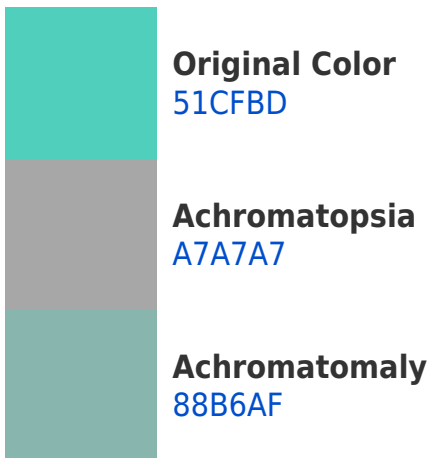




Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #51CFBD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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