

Converting Colors

Hex(53CFCB)

Have a look what the booklet for
Hex(53CF CB) contains.

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Color

Hex(53CFCB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 53CFCB |
| RGB | 83, 207, 203 |
| RGB Percent | 33%, 81%, 80% |
| CMY | 0.6745, 0.1882, 0.2039 |
| CMYK | 0.60, 0.00, 0.02, 0.19 |
| HSL | 178°, 56%, 57% |
| HSV | 178°, 60%, 81% |
| XYZ | 36.6596, 50.7764, 64.3686 |
| YIQ | 169.4680, -72.6200, -27.5320 |

Conversions

Conversions Part 2

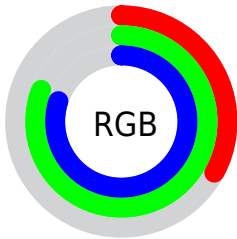
| Format | Color |
|-------------------------------------|--|
| RYB | 83, 146, 207 |
| Decimal | 5492683 |
| CIELab | 76.54, -34.93, -8.30 |
| CIELCh | 77, 35.906, 193.361 |
| Yxy | 50.7764, 0.2415, 0.3345 |
| Android (android.graphics.Color) | 4283682763 (0xFF53CFCB) |
| YUV | 169.4680, 16.5313, -75.8324 |
| Hunter-Lab | 71.2576, -32.8686, -3.6777 |

Details

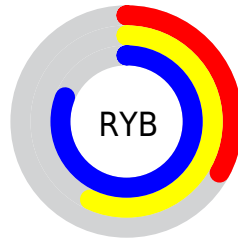
The Hex color **53CFCB** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **CF5357**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **91FFFF**, and **009895** is the 20% darker color. If you saturate the color by 10%, you get **3ECFCA**, and if you desaturate by 10%, it is **68CFCC**.

Distribution



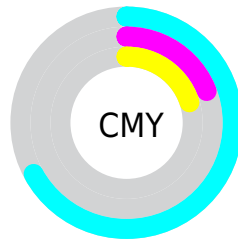
- Red (33%)
- Green (81%)
- Blue (80%)



- Red (33%)
- Yellow (57%)
- Blue (81%)



- Cyan (60%)
- Magenta (0%)
- Yellow (2%)
- Black (19%)



- Cyan (67%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53CFCB 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 53CFCB by changing the saturation by 10% instead.

 53CFCB

 53CFCB

FFFFFF

 2FB3B0

 91FFFF

 009895

 AFFFFFFF

 007E7B

 CDFFFF

 006462

 EBFFFF

 004C4B

 003434

 00201F

 000006

 000000

 53FCFB

 53FCFB

 3ECFCA

 68CFCC

 2ACFCA

 7CCFCC

 15CFC9

 91CFCD

 00CFC8

 A6CFCE

 BBCFCE

 CFCFCF

 E4CFD0

 F9CFD0

 FFCFD1

Harmonies

Analogous

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



78CEA9



53CFCB



4CCCE9

Triad

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



53CFEB



D4AFED



E4B47E

Complementary

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



53CFCB



CF5357

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.



F9AA91



53FCFB



F2A6D1

Square

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



53CFCB



A6BBFD



FFA4AF



C5C07C

Rectangle

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



53CFCB



63C8F7



FFA4AF



ECB182

Sweetspot

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



53CFCB



D1FFFE



57CF53



63807F



000000



808080

Same Dimension

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



53CFCB



47FFF9



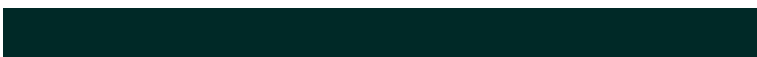
5395CF



5E6968



00A8A3



002927

Inverse Universe

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



CF5357



FF474D



CF8D53



695E5E



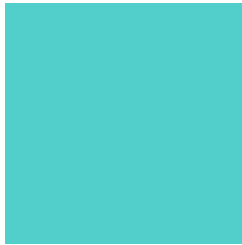
A80005



290001

Previews

White Background



This preview shows how the Hex color 53CFCB looks on a white background.

Color Contrast Check

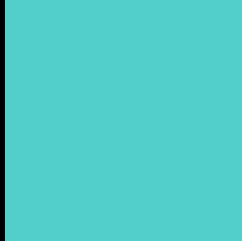
Large Text (above 18pt) WCAG AA × Fail

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 53CFCB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

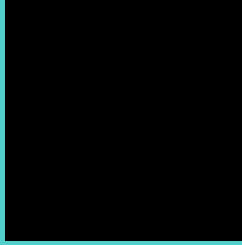
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

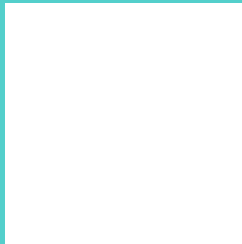
Any Text WCAG AAA ✓ Pass

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

Hex 53CFCB Background



This preview shows how black text looks on a background with the Hex color 53CFCB.



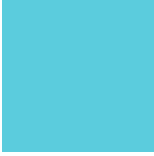
This preview shows how white text looks on a background with the Hex color 53CFCB.

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



Original Color
53CFCB



Protanomaly
97C2C3



Deuteranomaly
9BBFCE

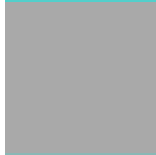


Tritanomaly
58CDD6

Monochromacy



Original Color
53CFCB



Achromatopsia
A9A9A9



Achromatomaly
8AB7B5

CSS Examples

Text

The CSS property to change the color of the text to Hex 53CFCB 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 #53CFCB looks like.

```
.text, #text, p{  
    color:#53CFCB  
}
```

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 #53CFCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53CFCB
}
```

Border

The CSS property to change the border of an element to Hex 53CFCB 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
#53CFCB }
```

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

```
.border{ border-color:#53CFEB }
```

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

Here you see how a box with a 4 pixel #53CFEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53CFEB; -webkit-box-shadow:4px 4px  
4px 4px #53CFEB; box-shadow:4px 4px 4px  
4px #53CFEB }
```

Background

The CSS property to change the background color of an element to Hex 53CFCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53CFCB }
```

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

```
.background{ background-color:#53CFCB }
```

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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