

Converting Colors

Hex(53C2CF)

Have a look what the booklet for
Hex(53C2CF) contains.

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Color

Hex(53C2CF)

Conversions

Conversions Part 1

Format	Color
Hex	53C2CF
RGB	83, 194, 207
RGB Percent	33%, 76%, 81%
CMY	0.6745, 0.2392, 0.1882
CMYK	0.60, 0.06, 0.00, 0.19
HSL	186°, 56%, 57%
HSV	186°, 60%, 81%
XYZ	34.1216, 44.9276, 65.9050
YIQ	162.2930, -70.3290, -19.4890

Conversions

Conversions Part 2

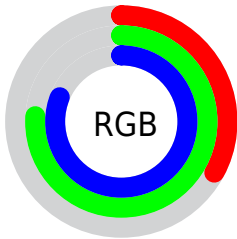
Format	Color
RYB	83, 142, 207
Decimal	5489359
CIELab	72.84, -27.59, -16.00
CIELCh	73, 31.894, 210.111
Yxy	44.9276, 0.2354, 0.3099
Android (android.graphics.Color)	4283679439 (0xFF53C2CF)
YUV	162.2930, 22.0406, -69.5400
Hunter-Lab	67.0280, -26.4311, -11.3770

Details

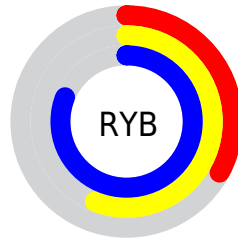
The Hex color **53C2CF** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **CF6053**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **90FBFF**, and **008C99** is the 20% darker color. If you saturate the color by 10%, you get **3EC0CF**, and if you desaturate by 10%, it is **68C4CF**.

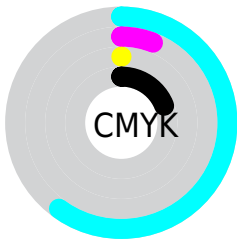
Distribution



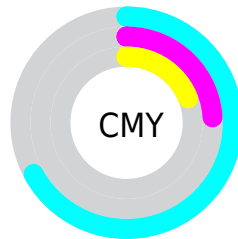
- Red (33%)
- Green (76%)
- Blue (81%)



- Red (33%)
- Yellow (56%)
- Blue (81%)



- Cyan (60%)
- Magenta (6%)
- Yellow (0%)
- Black (19%)



- Cyan (67%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53C2CF 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 53C2CF by changing the saturation by 10% instead.

 53C2CF

 53C2CF

FFFFFF

 30A7B3

 90FBFF

 008C99

 AEFFFF

 00727F

 CBFFFF

 005966

 E9FFFF

 00414E

 002B37

 001322

 000009

 000000

■ 53C2CF

■ 53C2CF

■ 3EC0CF

■ 68C4CF

■ 2ABECF

■ 7CC6CF

■ 15BBCF

■ 91C9CF

■ 00B9CF

■ A6CBCF

■ BBCDCF

■ CFCFCF

■ E4D1CF

■ F9D3CF

■ FFD6CF

Harmonies

Analogous

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



65C3B2



53C2CF



64BDE5

Triad

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



53C2CF



D8A2D0



C7B178

Complementary

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



53C2CF



CF6053

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.



DFA781



53C2CF



EA9DB4

Square

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



53C2CF



B7ABE5



EC9F97



A8BA80

Rectangle

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



53C2CF



7EB8EC



EC9F97



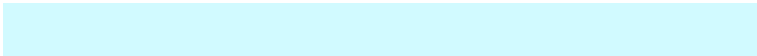
D0AE79

Sweetspot

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



53C2CF



D1FAFF



53CF5F



637D80



000000



808080

Same Dimension

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



53C2CF



47ECFF



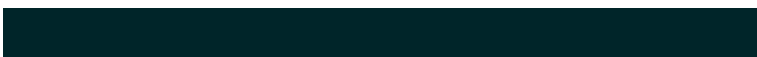
5385CF



5E6769



0097A8



002529

Inverse Universe

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



CF53C2



FF47EC



CF9D53



695E67



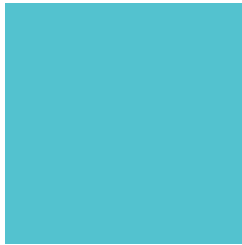
A80097



290025

Previews

White Background



This preview shows how the Hex color 53C2CF looks on a white background.

Color Contrast Check

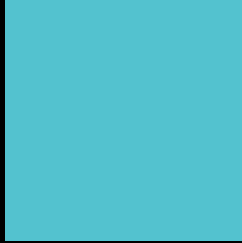
Large Text (above 18pt) WCAG AA × Fail

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 53C2CF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

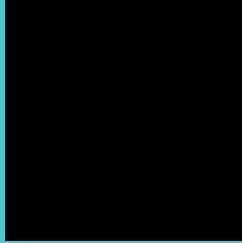
Any Text WCAG AA ✓ Pass

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 53C2CF Background



This preview shows how black text looks on a background with the Hex color 53C2CF.

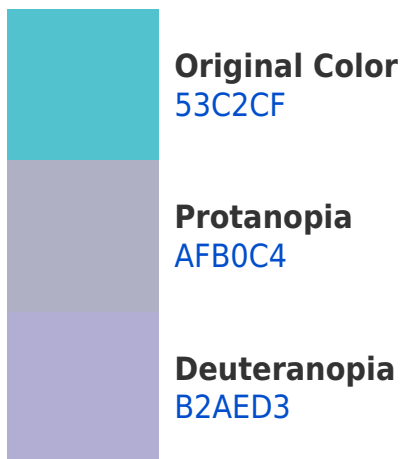


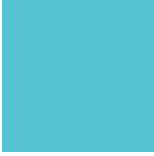
This preview shows how white text looks on a background with the Hex color 53C2CF.

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
54C2D1

Trichromacy



Original Color
53C2CF



Protanomaly
8EB7C8



Deuteranomaly
8FB5D2

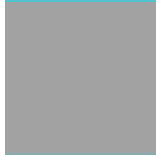


Tritanomaly
54C2D0

Monochromacy



Original Color
53C2CF



Achromatopsia
A2A2A2



Achromatomaly
85AEB2

CSS Examples

Text

The CSS property to change the color of the text to Hex 53C2CF 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 #53C2CF looks like.

```
.text, #text, p{  
    color:#53C2CF  
}
```

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 #53C2CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53C2CF
}
```

Border

The CSS property to change the border of an element to Hex 53C2CF 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
#53C2CF }
```

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

```
.border{ border-color:#53C2CF }
```

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

Here you see how a box with a 4 pixel #53C2CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53C2CF; -webkit-box-shadow:4px 4px  
4px 4px #53C2CF; box-shadow:4px 4px 4px  
4px #53C2CF }
```

Background

The CSS property to change the background color of an element to Hex 53C2CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53C2CF }
```

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

```
.background{ background-color:#53C2CF }
```

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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