

# Converting Colors

Hex(53CCC0)

Have a look what the booklet for  
Hex(53CCC0) contains.

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**Color**

**Hex(53CCC0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53CCC0
RGB	83, 204, 192
RGB Percent	33%, 80%, 75%
CMY	0.6745, 0.2000, 0.2471
CMYK	0.59, 0.00, 0.06, 0.20
HSL	174°, 54%, 56%
HSV	174°, 59%, 80%
XYZ	34.6746, 48.8305, 57.4669
YIQ	166.4530, -68.2640, -29.3840

# Conversions

## Conversions Part 2

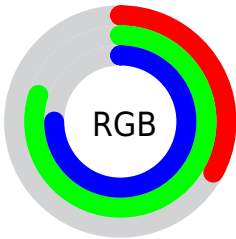
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 147, 204
Decimal	5491904
CIELab	75.35, -36.46, -4.14
CIElCh	75, 36.697, 186.470
Yxy	48.8305, 0.2460, 0.3464
Android (android.graphics.Color)	4283681984 (0xFF53CCC0)
YUV	166.4530, 12.5947, -73.1883
Hunter-Lab	69.8788, -33.7145, 0.1563

# Details

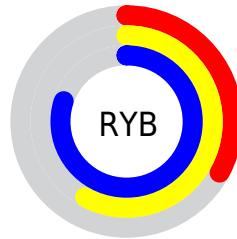
The Hex color **53CCC0** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **CC535F**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **90FFF8**, and **00958B** is the 20% darker color. If you saturate the color by 10%, you get **3FCCBE**, and if you desaturate by 10%, it is **67CCC2**.

# Distribution



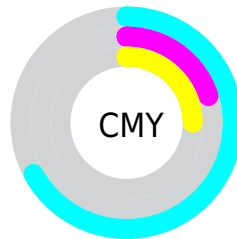
- Red (33%)
- Green (80%)
- Blue (75%)



- Red (33%)
- Yellow (58%)
- Blue (80%)



- Cyan (59%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)



- Cyan (67%)
- Magenta (20%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53CCC0 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 53CCC0 by changing the saturation by 10% instead.



 53CCC0

 53CCC0

FFFFFF

 30B0A5

 90FFF8

 00958B

 ADFFFF

 007B71

 CBFFFF

 006159

 E9FFFF

 004942

 00312C

 001C17

 000000

 53CCC0

 53CCC0

 3FCCBE

 67CCC2

 2ACCBC

 7CCCC4

 16CCBA

 90CCC6

 01CCB8

 A5CCC8

 00CCB8

 B9CCCA

 CDCCCC

 E2CCCE

 F6CCD0

 FFCCD2

# Harmonies

## Analogous

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



7CCA9D



53CCC0



3ECAE1

# Triad

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



53CCC0



C7AEF0



E7AE7C

# Complementary

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



53CCC0



CC535F

# 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.



F9A493



53CCC0



EAA4D5

# Square

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



53CCC0



96BAFC



FBA0B3



C9BA76

# Rectangle

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



53CCC0



51C7F1



FBA0B3



EFAB82



# Sweetspot

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



53CC00



D1FFFA



5FCC53



63807D



000000



808080



# Same Dimension

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



53CCC0



4AFFED



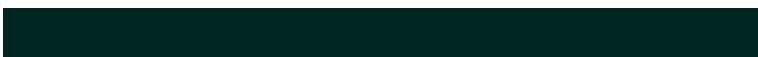
539CCC



5C6665



00A695



002622



# Inverse Universe

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



CC535F



FF4A5C



CC8353



665C5D



A60010

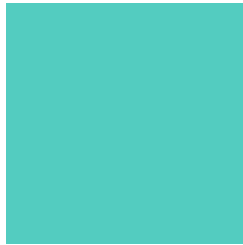


260004



# Previews

## White Background



This preview shows how the Hex color 53CCC0 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 53CCC0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

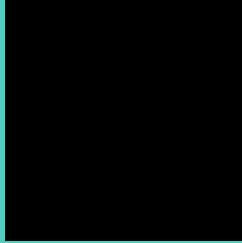
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

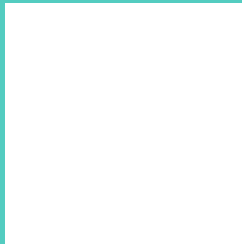
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 53CCC0 Background



This preview shows how black text looks on a background with the Hex color 53CCC0.

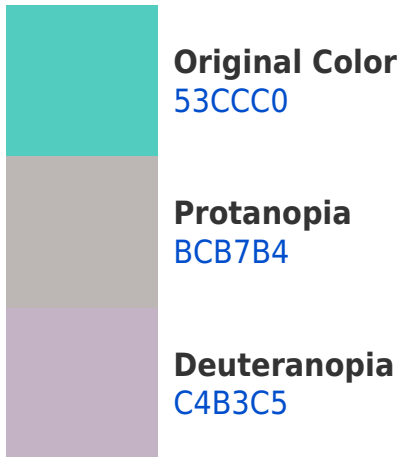


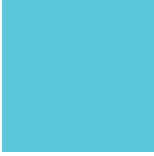
This preview shows how white text looks on a background with the Hex color 53CCC0.

# 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**  
5DC8D9

# Trichromacy



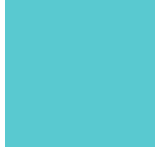
**Original Color**  
53CCC0



**Protanomaly**  
96BFB8



**Deuteranomaly**  
9BBCC3



**Tritanomaly**  
59C9D0

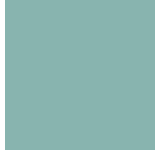
# Monochromacy



**Original Color**  
53CCC0



**Achromatopsia**  
A6A6A6



**Achromatomaly**  
88B4AF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53CCC0 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 #53CCC0 looks like.

```
.text, #text, p{  
    color:#53CCC0  
}
```

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 #53CCC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53CCC0  
}
```

## Border

The CSS property to change the border of an element to Hex 53CCC0 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  
#53CCC0 }
```

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

```
.border{ border-color:#53CCC0 }
```

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

Here you see how a box with a 4 pixel #53CCC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53CCC0; -webkit-box-shadow:4px 4px  
4px 4px #53CCC0; box-shadow:4px 4px 4px  
4px #53CCC0 }
```

# Background

The CSS property to change the background color of an element to Hex 53CCC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53CCC0 }
```

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

```
.background{ background-color:#53CCC0 }
```

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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