

Converting Colors

Hex(53B0CC)

Have a look what the booklet for
Hex(53B0CC) contains.

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Color

Hex(53B0CC)

Conversions

Conversions Part 1

Format	Color
Hex	53B0CC
RGB	83, 176, 204
RGB Percent	33%, 69%, 80%
CMY	0.6745, 0.3098, 0.2000
CMYK	0.59, 0.14, 0.00, 0.20
HSL	194°, 54%, 56%
HSV	194°, 59%, 80%
XYZ	29.9917, 37.2493, 62.7358
YIQ	151.3850, -64.4160, -11.0080

Conversions

Conversions Part 2

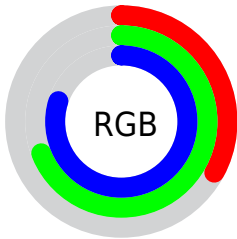
Format	Color
R _Y B	83, 136, 204
Decimal	5484748
CIE Lab	67.46, -19.36, -22.52
CIE LCh	67, 29.696, 229.322
Yxy	37.2493, 0.2307, 0.2866
Android (android.graphics.Color)	4283674828 (0xFF53B0CC)
YUV	151.3850, 25.9392, -59.9736
Hunter-Lab	61.0322, -19.0901, -18.2225

Details

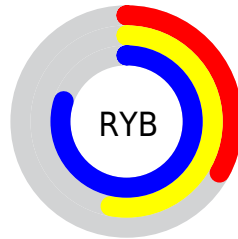
The Hex color **53B0CC** is a light color, and the websafe version is hex **0099CC**. The color can be described as light muted azure. A complement of this color would be **CC6F53**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **8EE8FF**, and **007B96** is the 20% darker color. If you saturate the color by 10%, you get **3FABCC**, and if you desaturate by 10%, it is **67B5CC**.

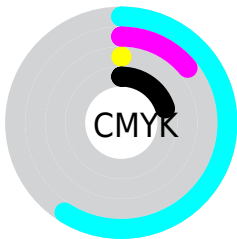
Distribution



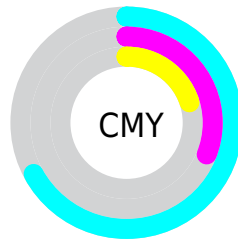
- Red (33%)
- Green (69%)
- Blue (80%)



- Red (33%)
- Yellow (53%)
- Blue (80%)



- Cyan (59%)
- Magenta (14%)
- Yellow (0%)
- Black (20%)



- Cyan (67%)
- Magenta (31%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53B0CC 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 53B0CC by changing the saturation by 10% instead.

 53B0CC

 53B0CC

FFFFFF

 3295B1

 8EE8FF

 007B96

 ACFFFF

 00627C

 C9FFFF

 004A63

 E7FFFF

 00334B

 001F34

 00021F

 000002

 000000

■ 53B0CC

■ 53B0CC

■ 3FABCC

■ 67B5CC

■ 2AA7CC

■ 7CB9CC

■ 16A2CC

■ 90BECC

■ 019DCC

■ A5C3CC

■ 009DCC

■ B9C8CC

■ CDCCCC

■ E2D1CC

■ F6D6CC

■ FFDACC

Harmonies

Analogous

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



50B3B5



53B0CC



73AAD8

Triad

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



53B0CC



D391AF



A5A871

Complementary

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



53B0CC



CC6F53

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.



C09F70



53B0CC



DA9194

Square

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



53B0CC



BD98C7



D3977D



87AF81

Rectangle

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



53B0CC



8EA4D9



D3977D



AFA56F

Sweetspot

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



53B0CC



D1F4FF



53CC6D



637980



000000



808080

Same Dimension

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



53B0CC



4AD5FF



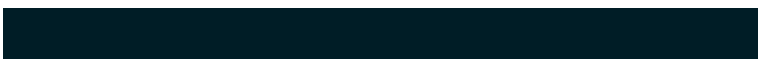
5375CC



5C6466



007FA6



001D26

Inverse Universe

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



CC53B0



FF4AD5



CCAA53



665C64



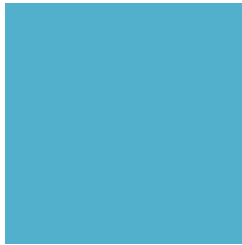
A6007F



26001D

Previews

White Background



This preview shows how the Hex color 53B0CC looks on a white background.

Color Contrast Check

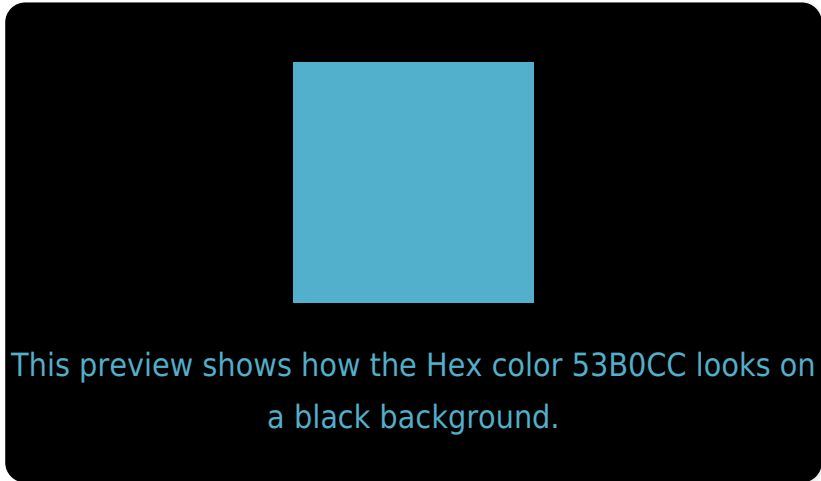
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 53B0CC Background



This preview shows how black text looks on a background with the Hex color 53B0CC.

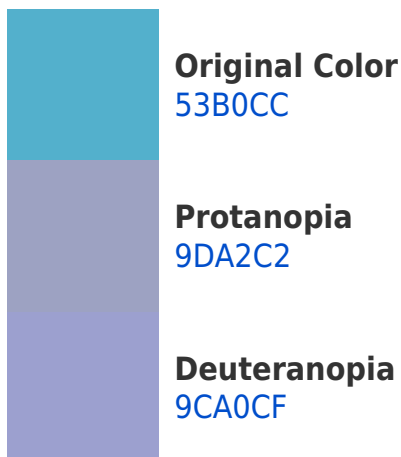


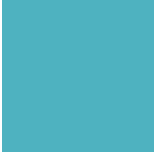
This preview shows how white text looks on a background with the Hex color 53B0CC.

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](#).

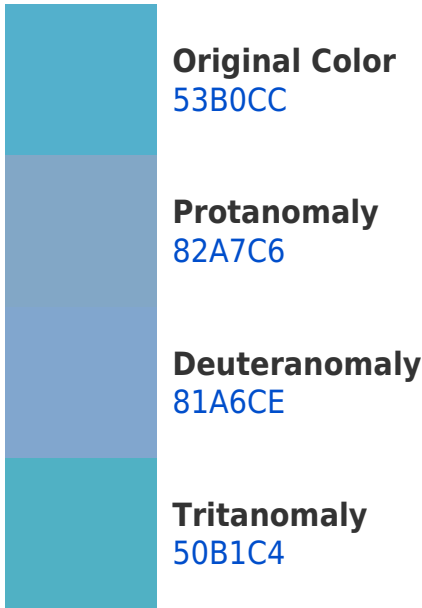
Dichromacy



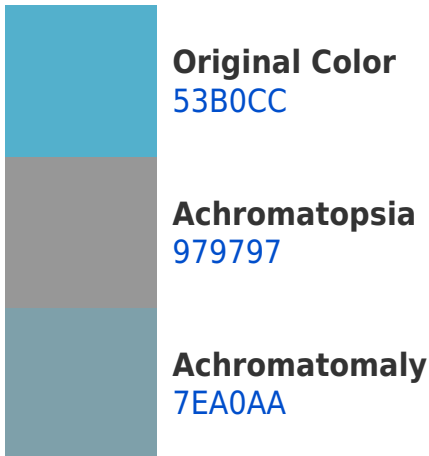


Tritanopia
4EB2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53B0CC 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 #53B0CC looks like.

```
.text, #text, p{  
    color:#53B0CC  
}
```

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 #53B0CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53B0CC }  
}
```

Border

The CSS property to change the border of an element to Hex 53B0CC 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 #53B0CC }  
}
```

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

```
.border{ border-color:#53B0CC }
```

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

Here you see how a box with a 4 pixel #53B0CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53B0CC; -webkit-box-shadow:4px 4px  
4px 4px #53B0CC; box-shadow:4px 4px 4px  
4px #53B0CC }
```

Background

The CSS property to change the background color of an element to Hex 53B0CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53B0CC }
```

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

```
.background{ background-color:#53B0CC }
```

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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