

Converting Colors

Hex(51B6C0)

Have a look what the booklet for
Hex(51B6C0) contains.

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Color

Hex(51B6C0)

Conversions

Conversions Part 1

Format	Color
Hex	51B6C0
RGB	81, 182, 192
RGB Percent	32%, 71%, 75%
CMY	0.6824, 0.2863, 0.2471
CMYK	0.58, 0.05, 0.00, 0.25
HSL	185°, 47%, 54%
HSV	185°, 58%, 75%
XYZ	29.6357, 39.0110, 55.8371
YIQ	152.9410, -63.4060, -18.3020

Conversions

Conversions Part 2

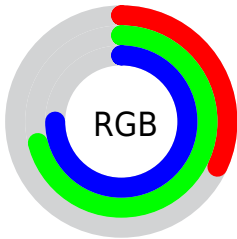
Format	Color
R _Y B	81, 134, 192
Decimal	5355200
CIE Lab	68.76, -26.29, -13.95
CIE LCh	69, 29.763, 207.946
Yxy	39.0110, 0.2381, 0.3134
Android (android.graphics.Color)	4283545280 (0xFF51B6C0)
YUV	152.9410, 19.2561, -63.0923
Hunter-Lab	62.4588, -24.6074, -9.2831

Details

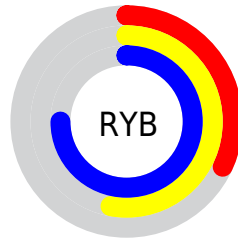
The Hex color **51B6C0** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **C05B51**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **8CCEF8**, and **00818B** is the 20% darker color. If you saturate the color by 10%, you get **3EB4C0**, and if you desaturate by 10%, it is **64B8C0**.

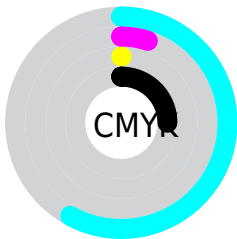
Distribution



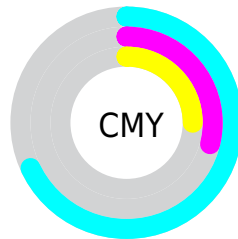
- Red (32%)
- Green (71%)
- Blue (75%)



- Red (32%)
- Yellow (53%)
- Blue (75%)



- Cyan (58%)
- Magenta (5%)
- Yellow (0%)
- Black (25%)




- Cyan (68%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51B6C0 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 51B6C0 by changing the saturation by 10% instead.

 51B6C0

 51B6C0


FFFFFF

 309BA5

 8CEEF8

 00818B

 A9FFFF

 006771

 C7FFFF

 004F59

 E4FFFF

 003741

 00232B

 000117

 000000

 51B6C0

 51B6C0

 3EB4C0

 64B8C0

 2BB3C0

 77B9C0

 17B1C0

 8BBBC0

 04AFC0

 9EBDC0

 00AFC0

 B1BFC0

 C4C0C0

 D7C2C0

 EBC4C0

 FEC6C0

Harmonies

Analogous

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



63B6A5



51B6C0



5EB2D5

Triad

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



51B6C0



C899C5



BCA572

Complementary

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



51B6C0



C05B51

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.



D29C7B



51B6C0



DA94AB

Square

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



51B6C0



A9A1D7



DD9590



A0AE78

Rectangle

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



51B6C0



75AEDC



DD9590



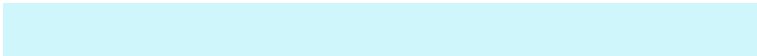
C5A273

Sweetspot

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



51B6C0



CFF6FA



51C05A



647B7D



FCFCFC



7D7D7D

Same Dimension

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



51B6C0



4DEAFA



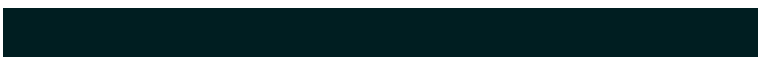
517FC0



576061



0092A1



001E21

Inverse Universe

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



C051B6



FA4DEA



C09251



615760



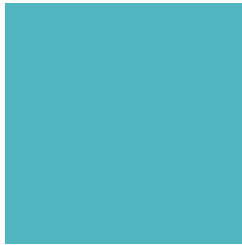
A10092



21001E

Previews

White Background



This preview shows how the Hex color 51B6C0 looks on a white background.

Color Contrast Check

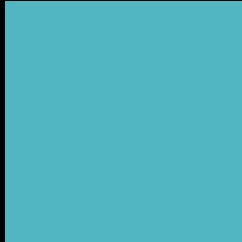
Large Text (above 18pt) WCAG AA × Fail

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 51B6C0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

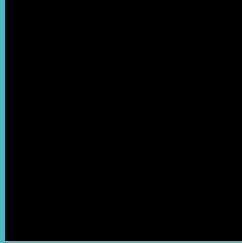
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

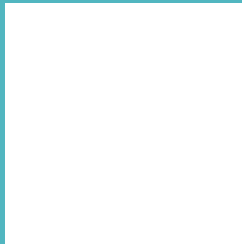
Any Text WCAG AAA ✓ Pass

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

Hex 51B6C0 Background



This preview shows how black text looks on a background with the Hex color 51B6C0.

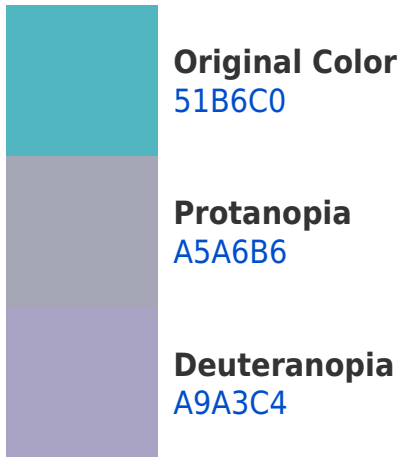


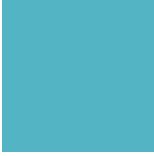
This preview shows how white text looks on a background with the Hex color 51B6C0.

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](#).

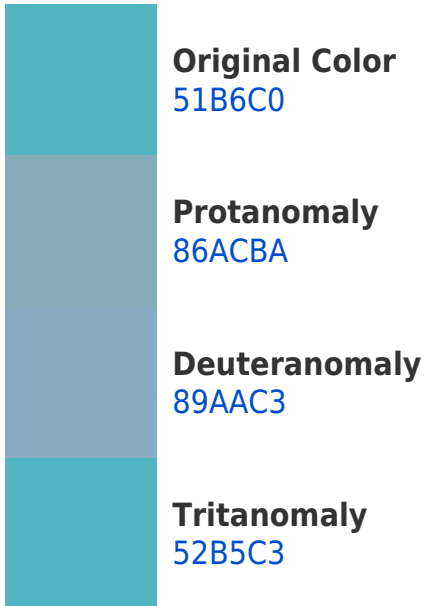
Dichromacy





Tritanopia
53B5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51B6C0 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 #51B6C0 looks like.

```
.text, #text, p{  
    color:#51B6C0  
}
```

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 #51B6C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51B6C0
}
```

Border

The CSS property to change the border of an element to Hex 51B6C0 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
#51B6C0 }
```

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

```
.border{ border-color:#51B6C0 }
```

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

Here you see how a box with a 4 pixel #51B6C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51B6C0; -webkit-box-shadow:4px 4px  
4px 4px #51B6C0; box-shadow:4px 4px 4px  
4px #51B6C0 }
```

Background

The CSS property to change the background color of an element to Hex 51B6C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51B6C0 }
```

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

```
.background{ background-color:#51B6C0 }
```

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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