

# Converting Colors

Hex(51C6B6)

Have a look what the booklet for  
Hex(51C6B6) contains.

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**Color**

**Hex(51C6B6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	51C6B6
RGB	81, 198, 182
RGB Percent	32%, 78%, 71%
CMY	0.6824, 0.2235, 0.2863
CMYK	0.59, 0.00, 0.08, 0.22
HSL	172°, 51%, 55%
HSV	172°, 59%, 78%
XYZ	32.0309, 45.5149, 51.3530
YIQ	161.1930, -64.5960, -29.7800

# Conversions

## Conversions Part 2

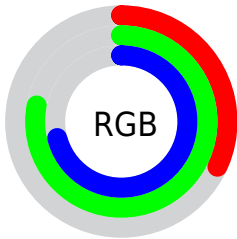
Format	Color
<a href="#">RYB</a>	<a href="#">81, 144, 198</a>
Decimal	<a href="#">5359286</a>
CIELab	<a href="#">73.23, -36.66, -1.84</a>
CIELCh	<a href="#">73, 36.709, 182.866</a>
Yxy	<a href="#">45.5149, 0.2485, 0.3531</a>
Android (android.graphics.Color)	<a href="#">4283549366</a> ( <a href="#">0xFF51C6B6</a> )
YUV	<a href="#">161.1930, 10.2579, -70.3293</a>
Hunter-Lab	<a href="#">67.4647, -33.3150, 2.0948</a>

# Details

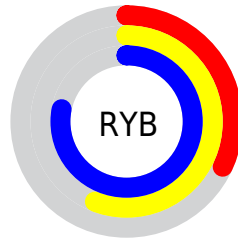
The Hex color **51C6B6** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **C65161**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **8DFEE**, and **008F81** is the 20% darker color. If you saturate the color by 10%, you get **3DC6B3**, and if you desaturate by 10%, it is **65C6B9**.

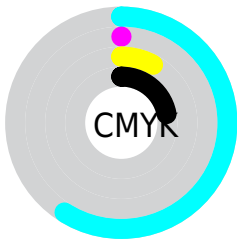
# Distribution



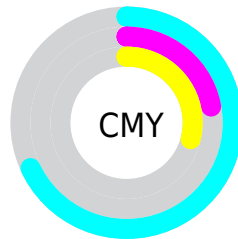
- Red (32%)
- Green (78%)
- Blue (71%)



- Red (32%)
- Yellow (56%)
- Blue (78%)



- Cyan (59%)
- Magenta (0%)
- Yellow (8%)
- Black (22%)



- Cyan (68%)
- Magenta (22%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 51C6B6 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 51C6B6 by changing the saturation by 10% instead.



 51C6B6

 51C6B6

FFFFFF

 2FAA9B

 8DFFEE

 008F81

 AAFFFF

 007568

 C8FFFF

 005C50

 E6FFFF

 004439

 002D24

 00140F

 000000

 51C6B6

 51C6B6

 3DC6B3

 65C6B9

 29C6B1

 79C6BB

 16C6AE

 8CC6BE

 02C6AB

 A0C6C1

 00C6AB

 B4C6C4

 C8C6C6

 DCC6C9

 EFC6CC

 FFC6CE

# Harmonies

## Analogous

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



7BC394



51C6B6



35C5D7

# Triad

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



51C6B6



BCAAEC



E4A779

# Complementary

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



51C6B6



C65161

# 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.



F49D91



51C6B6



E19FD3

# Square

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



51C6B6



8AB6F7



F49AB2



C7B370

# Rectangle

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



51C6B6



44C2E8



F49AB2



EBA47F

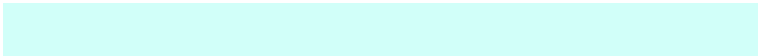


# Sweetspot

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



51C6B6



D1FFF9



63C651



63807C



000000



808080



# Same Dimension

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



51C6B6



4AFFE6



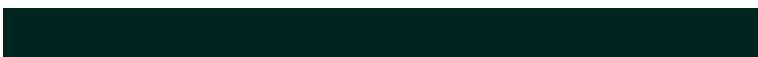
519DC6



5A6362



00A38D



00241F



# Inverse Universe

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



C65161



FF4A63



C67A51



635A5B



A30016

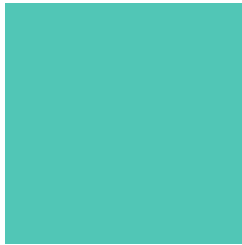


240005



# Previews

## White Background



This preview shows how the Hex color 51C6B6 looks on a white background.

## Color Contrast Check

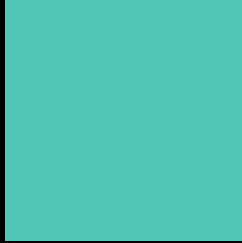
Large Text (above 18pt) WCAG AA × Fail

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 51C6B6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

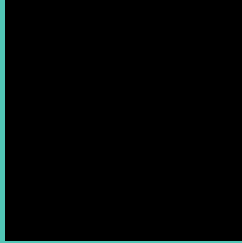
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

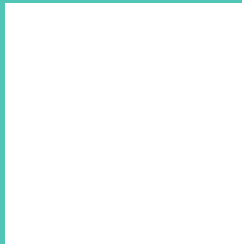
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 51C6B6 Background



This preview shows how black text looks on a background with the Hex color 51C6B6.

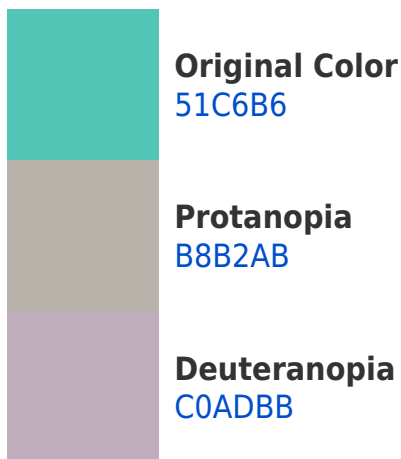


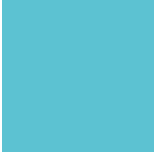
This preview shows how white text looks on a background with the Hex color 51C6B6.

# 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**  
5CC2D2

# Trichromacy



**Original Color**  
51C6B6



**Protanomaly**  
93B9AF



**Deuteranomaly**  
98B6B9

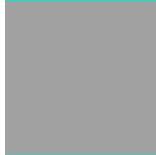


**Tritanomaly**  
58C3C8

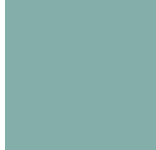
# Monochromacy



**Original Color**  
51C6B6



**Achromatopsia**  
A1A1A1



**Achromatomaly**  
84AEA9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 51C6B6 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 #51C6B6 looks like.

```
.text, #text, p{  
    color:#51C6B6  
}
```

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 #51C6B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51C6B6
}
```

## Border

The CSS property to change the border of an element to Hex 51C6B6 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
#51C6B6 }
```

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

```
.border{ border-color:#51C6B6 }
```

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

Here you see how a box with a 4 pixel #51C6B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51C6B6; -webkit-box-shadow:4px 4px  
4px 4px #51C6B6; box-shadow:4px 4px 4px  
4px #51C6B6 }
```

# Background

The CSS property to change the background color of an element to Hex 51C6B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51C6B6 }
```

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

```
.background{ background-color:#51C6B6 }
```

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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