

Converting Colors

Hex(51C6C3)

Have a look what the booklet for
Hex(51C6C3) contains.

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Color

Hex(51C6C3)

Conversions

Conversions Part 1

Format	Color
Hex	51C6C3
RGB	81, 198, 195
RGB Percent	32%, 78%, 76%
CMY	0.6824, 0.2235, 0.2353
CMYK	0.59, 0.00, 0.02, 0.22
HSL	178°, 51%, 55%
HSV	178°, 59%, 78%
XYZ	33.4377, 46.0776, 58.7613
YIQ	162.6750, -68.7690, -25.7370

Conversions

Conversions Part 2

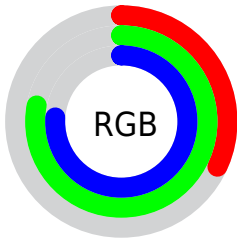
Format	Color
RYB	81, 140, 198
Decimal	5359299
CIELab	73.60, -33.22, -8.36
CIELCh	74, 34.255, 194.120
Yxy	46.0776, 0.2418, 0.3332
Android (android.graphics.Color)	4283549379 (0xFF51C6C3)
YUV	162.6750, 15.9362, -71.6290
Hunter-Lab	67.8805, -30.8623, -3.8085

Details

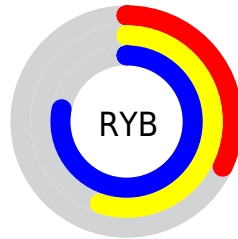
The Hex color **51C6C3** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **C65154**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **8EFFFFB**, and **00908D** is the 20% darker color. If you saturate the color by 10%, you get **3DC6C2**, and if you desaturate by 10%, it is **65C6C4**.

Distribution



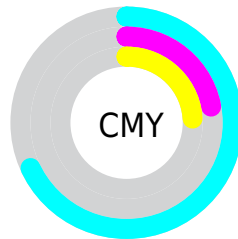
- Red (32%)
- Green (78%)
- Blue (76%)



- Red (32%)
- Yellow (55%)
- Blue (78%)



- Cyan (59%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)





- Cyan (68%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51C6C3 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 51C6C3 by changing the saturation by 10% instead.

 51C6C3

 51C6C3

FFFFFF

 2EAAA8

 8EFFFF

 00908D

 ABFFFF

 007674

 C9FFFF

 005C5B

 E7FFFF

 004444

 002D2E

 001619

 000000

 51C6C3

 51C6C3

3DC6C2

65C6C4

29C6C2

79C6C4

16C6C1

8CC6C5

02C6C1

A0C6C5

00C6C1

B4C6C6

C8C6C6

DCC6C7

EFC6C7

FFC6C8

Harmonies

Analogous

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



73C5A3



51C6C3



4CC3E0

Triad

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



51C6C3



CCA7E2



D9AD79

Complementary

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



51C6C3



C65154

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.



EDA38A



51C6C3



E89FC7

Square

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



51C6C3



A1B3F1



F39DA7



BBB877

Rectangle

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



51C6C3



61BFED



F39DA7



E1AA7D

Sweetspot

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



51C6C3



D1FFFE



55C651



63807F



000000



808080

Same Dimension

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



51C6C3



4AFFFA



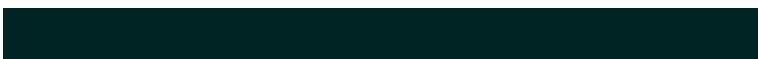
518FC6



5A6363



00A39F



002423

Inverse Universe

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



C65154



FF4A4F



C68851



635A5A



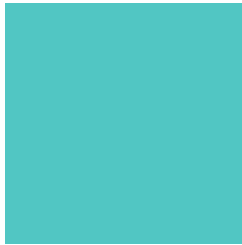
A30004



240001

Previews

White Background



This preview shows how the Hex color 51C6C3 looks on a white background.

Color Contrast Check

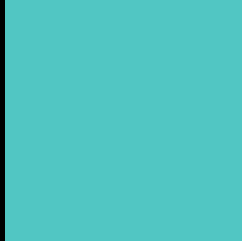
Large Text (above 18pt) WCAG AA × Fail

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 51C6C3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

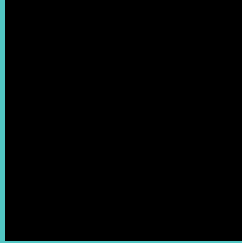
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

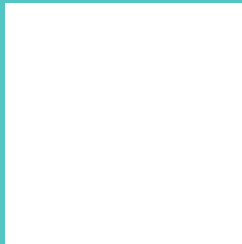
Any Text WCAG AAA ✓ Pass

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

Hex 51C6C3 Background



This preview shows how black text looks on a background with the Hex color 51C6C3.

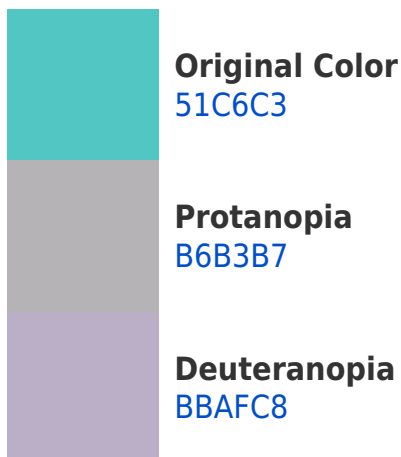


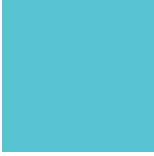
This preview shows how white text looks on a background with the Hex color 51C6C3.

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
58C4D3

Trichromacy



Original Color
51C6C3



Protanomaly
91BABB



Deuteranomaly
94B7C6

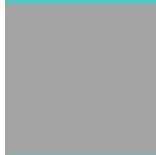


Tritanomaly
55C5CD

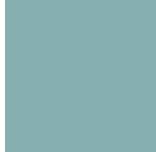
Monochromacy



Original Color
51C6C3



Achromatopsia
A3A3A3



Achromatomaly
85B0AF

CSS Examples

Text

The CSS property to change the color of the text to Hex 51C6C3 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 #51C6C3 looks like.

```
.text, #text, p{  
    color:#51C6C3  
}
```

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 #51C6C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51C6C3  
}
```

Border

The CSS property to change the border of an element to Hex 51C6C3 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  
#51C6C3 }
```

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

```
.border{ border-color:#51C6C3 }
```

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

Here you see how a box with a 4 pixel #51C6C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51C6C3; -webkit-box-shadow:4px 4px  
4px 4px #51C6C3; box-shadow:4px 4px 4px  
4px #51C6C3 }
```

Background

The CSS property to change the background color of an element to Hex 51C6C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51C6C3 }
```

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

```
.background{ background-color:#51C6C3 }
```

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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