

# Converting Colors

Hex(51B2C3)

Have a look what the booklet for  
Hex(51B2C3) contains.

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# Color

Hex(51B2C3)

# Conversions

## Conversions Part 1

Format	Color
Hex	51B2C3
RGB	81, 178, 195
RGB Percent	32%, 70%, 76%
CMY	0.6824, 0.3020, 0.2353
CMYK	0.58, 0.09, 0.00, 0.24
HSL	189°, 49%, 54%
HSV	189°, 58%, 76%
XYZ	29.1641, 37.5303, 57.3367
YIQ	150.9350, -63.2690, -15.2770

# Conversions

## Conversions Part 2

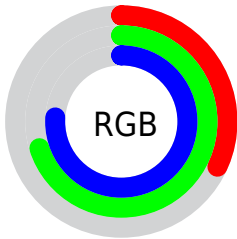
Format	Color
R <sub>Y</sub> B	81, 133, 195
Decimal	5354179
CIE Lab	67.67, -23.42, -17.24
CIE LCh	68, 29.081, 216.362
Yxy	37.5303, 0.2351, 0.3026
Android (android.graphics.Color)	4283544259 (0xFF51B2C3)
YUV	150.9350, 21.7240, -61.3330
Hunter-Lab	61.2619, -22.2325, -12.6078

# Details

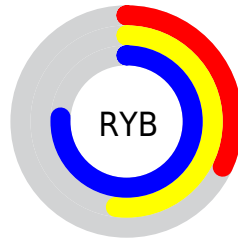
The Hex color **51B2C3** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **C36251**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **8CEAFC**, and **007D8D** is the 20% darker color. If you saturate the color by 10%, you get **3DAFC3**, and if you desaturate by 10%, it is **64B5C3**.

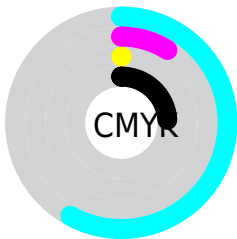
# Distribution



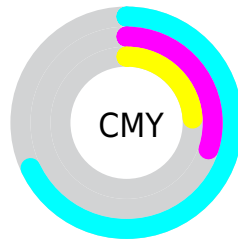
- Red (32%)
- Green (70%)
- Blue (76%)



- Red (32%)
- Yellow (52%)
- Blue (76%)



- Cyan (58%)
- Magenta (9%)
- Yellow (0%)
- Black (24%)



- Cyan (68%)
- Magenta (30%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 51B2C3 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 51B2C3 by changing the saturation by 10% instead.



■ 51B2C3

■ 51B2C3

FFFFFF

■ 3097A8

■ 8CEAFC

■ 007D8D

■ A9FFFF

■ 006474

■ C7FFFF

■ 004C5B

■ E4FFFF

■ 003544

■ 00202D

■ 000119

■ 000000

■ 51B2C3

■ 51B2C3

3DAFC3

64B5C3

2AACC3

78B8C3

16A9C3

8BBBC3

03A6C3

9FBEC3

00A6C3

B3C1C3

C6C3C3

DAC6C3

EDC9C3

FFCCC3

# Harmonies

## Analogous

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



5BB3AA



51B2C3



66ADD4

# Triad

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



51B2C3



CB94BA



B2A571

# Complementary

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



51B2C3



C36251

# 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.



C99C75



51B2C3



D891A0

# Square

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



51B2C3



B09CCF



D79487



95AD7A

# Rectangle

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



51B2C3



7EA8D9



D79487



BAA271

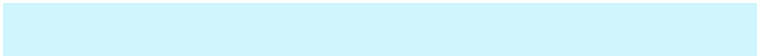


# Sweetspot

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



51B2C3



CFF6FC



51C360



637B80



000000



808080



# Same Dimension

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



51B2C3



4CE2FC



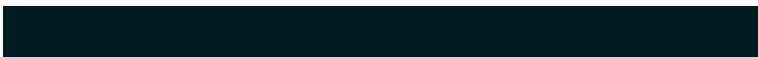
517BC3



575F61



0089A1



001C21



# Inverse Universe

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



C351B2



FC4CE2



C39951



61575F



A10089

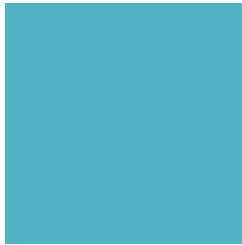


21001C



# Previews

## White Background



This preview shows how the Hex color 51B2C3 looks on a white background.

## Color Contrast Check

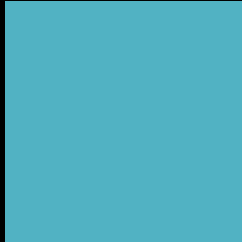
Large Text (above 18pt) WCAG AA × Fail

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 51B2C3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

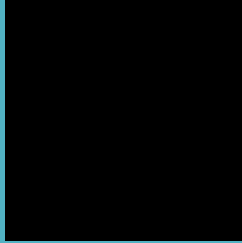
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

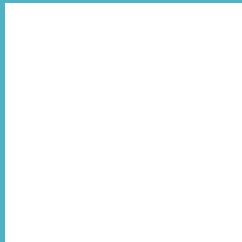
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 51B2C3 Background



This preview shows how black text looks on a background with the Hex color 51B2C3.

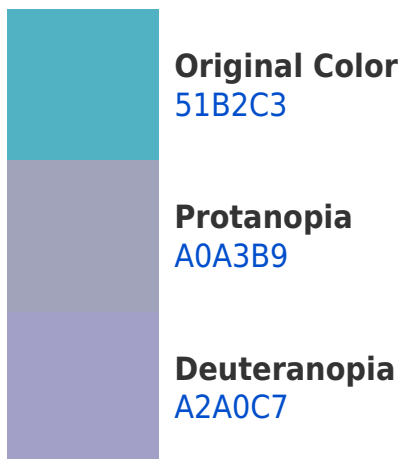


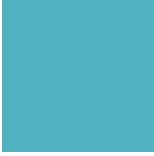
This preview shows how white text looks on a background with the Hex color 51B2C3.

# 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](#).

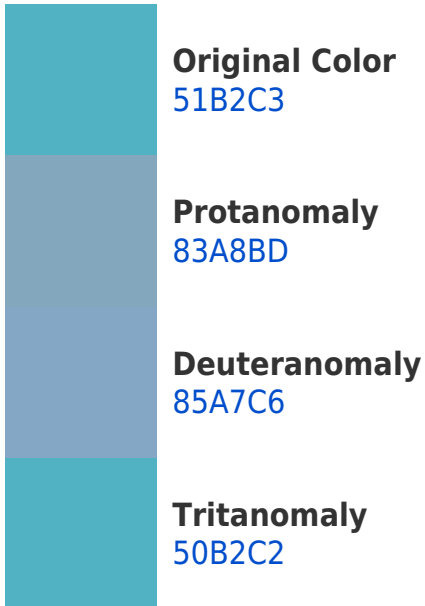
## Dichromacy



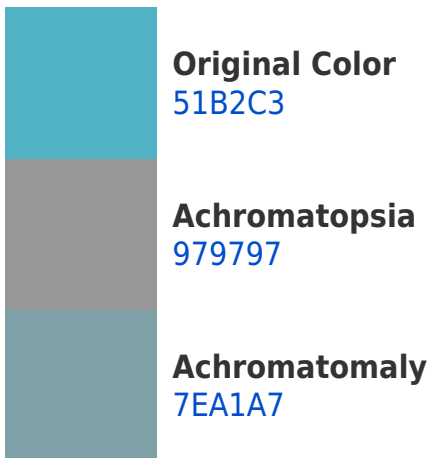


**Tritanopia**  
50B2C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 51B2C3 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 #51B2C3 looks like.

```
.text, #text, p{  
    color:#51B2C3  
}
```

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 #51B2C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51B2C3
}
```

## Border

The CSS property to change the border of an element to Hex 51B2C3 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
#51B2C3 }
```

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

```
.border{ border-color:#51B2C3 }
```

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

Here you see how a box with a 4 pixel #51B2C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51B2C3; -webkit-box-shadow:4px 4px  
4px 4px #51B2C3; box-shadow:4px 4px 4px  
4px #51B2C3 }
```

# Background

The CSS property to change the background color of an element to Hex 51B2C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51B2C3 }
```

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

```
.background{ background-color:#51B2C3 }
```

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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