

Converting Colors

Hex(53C1BA)

Have a look what the booklet for
Hex(53C1BA) contains.

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Color

Hex(53C1BA)

Conversions

Conversions Part 1

Format	Color
Hex	53C1BA
RGB	83, 193, 186
RGB Percent	33%, 76%, 73%
CMY	0.6745, 0.2431, 0.2706
CMYK	0.57, 0.00, 0.04, 0.24
HSL	176°, 47%, 54%
HSV	176°, 57%, 76%
XYZ	31.5002, 43.5241, 53.1951
YIQ	159.3120, -63.3130, -25.4970

Conversions

Conversions Part 2

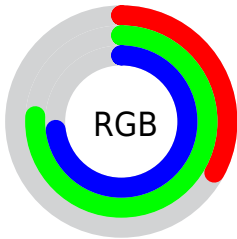
Format	Color
RYB	83, 140, 193
Decimal	5489082
CIELab	71.91, -32.90, -5.95
CIElCh	72, 33.438, 190.253
Yxy	43.5241, 0.2457, 0.3395
Android (android.graphics.Color)	4283679162 (0xFF53C1BA)
YUV	159.3120, 13.1572, -66.9256
Hunter-Lab	65.9728, -30.2236, -1.6257

Details

The Hex color **53C1BA** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **C1535A**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **8EFAF2**, and **008B85** is the 20% darker color. If you saturate the color by 10%, you get **40C1B9**, and if you desaturate by 10%, it is **66C1BB**.

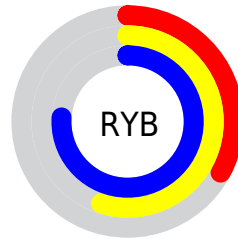
Distribution



Red (33%)

Green (76%)

Blue (73%)



Red (33%)

Yellow (55%)

Blue (76%)

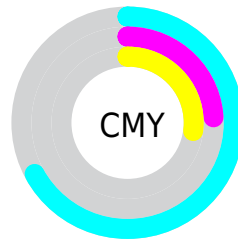


Cyan (57%)

Magenta (0%)

Yellow (4%)

Black (24%)



Cyan (67%)

Magenta (24%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53C1BA 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 53C1BA by changing the saturation by 10% instead.

 53C1BA

 53C1BA

FFFFFF

 32A69F

 8EFAF2

 008B85

 ACFFFF

 00716C

 C9FFFF

 005854

 E7FFFF

 00403D

 002927

 000E13

 000000

 53C1BA

 53C1BA

■ 40C1B9

■ 66C1BB

■ 2CC1B8

■ 7AC1BC

■ 19C1B6

■ 8DC1BE

■ 06C1B5

■ A0C1BF

■ 00C1B5

■ B3C1C0

■ C7C1C1

■ DAC1C3

■ EDC1C4

■ FFC1C5

Harmonies

Analogous

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



75BF9B



53C1BA



49BFD7

Triad

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



53C1BA



C2A5DF



D7A777

Complementary

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



53C1BA



C1535A

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.



E99E8A



53C1BA



DF9CC6

Square

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



53C1BA



97B0EC



EC99A7



BBB274

Rectangle

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



53C1BA



5ABBE4



EC99A7



DEA47C

Sweetspot

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



53C1BA



CFFAF7



5AC153



647D7B



FCFCFC



7D7D7D

Same Dimension

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



53C1BA



50FAEF



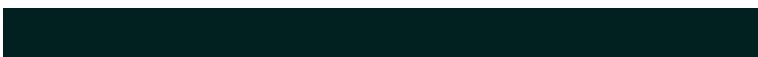
5391C1



576160



00A196



00211F

Inverse Universe

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



C1535A



FA505B



C18353



615758



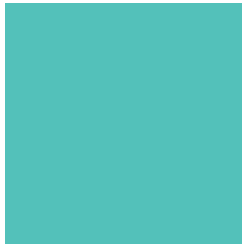
A1000A



210002

Previews

White Background



This preview shows how the Hex color 53C1BA 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 53C1BA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

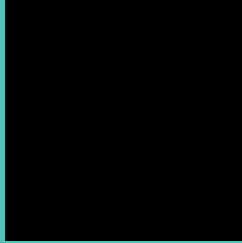
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

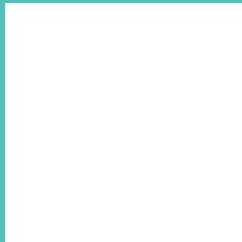
Any Text WCAG AAA ✓ Pass

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

Hex 53C1BA Background



This preview shows how black text looks on a background with the Hex color 53C1BA.

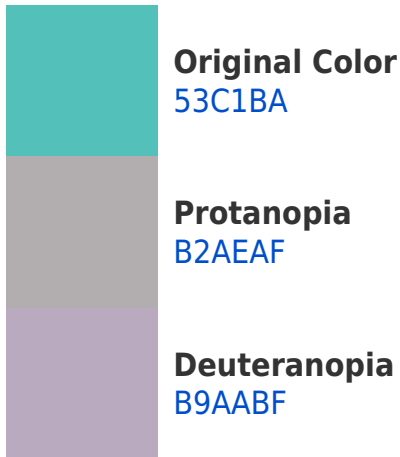


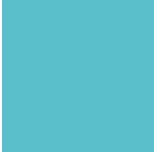
This preview shows how white text looks on a background with the Hex color 53C1BA.

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
5BBECD

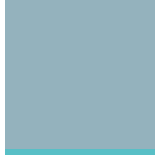
Trichromacy



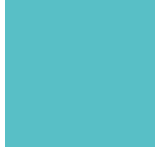
Original Color
53C1BA



Protanomaly
8FB5B3



Deuteranomaly
94B2BD



Tritanomaly
58BFC6

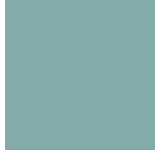
Monochromacy



Original Color
53C1BA



Achromatopsia
9F9F9F



Achromatomaly
83ABA9

CSS Examples

Text

The CSS property to change the color of the text to Hex 53C1BA 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 #53C1BA looks like.

```
.text, #text, p{  
    color:#53C1BA  
}
```

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 #53C1BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53C1BA
}
```

Border

The CSS property to change the border of an element to Hex 53C1BA 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
#53C1BA }
```

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

```
.border{ border-color:#53C1BA }
```

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

Here you see how a box with a 4 pixel #53C1BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53C1BA; -webkit-box-shadow:4px 4px  
4px 4px #53C1BA; box-shadow:4px 4px 4px  
4px #53C1BA }
```

Background

The CSS property to change the background color of an element to Hex 53C1BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53C1BA }
```

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

```
.background{ background-color:#53C1BA }
```

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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