

Converting Colors

Hex(53C4B9)

Have a look what the booklet for
Hex(53C4B9) contains.

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Color

Hex(53C4B9)

Conversions

Conversions Part 1

Format	Color
Hex	53C4B9
RGB	83, 196, 185
RGB Percent	33%, 77%, 73%
CMY	0.6745, 0.2314, 0.2745
CMYK	0.58, 0.00, 0.06, 0.23
HSL	174°, 49%, 55%
HSV	174°, 58%, 77%
XYZ	32.0642, 44.8216, 52.8604
YIQ	160.9590, -63.8170, -27.3770

Conversions

Conversions Part 2

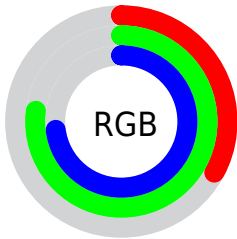
Format	Color
RYB	83, 142, 196
Decimal	5489849
CIELab	72.77, -34.58, -4.13
CIElCh	73, 34.826, 186.809
Yxy	44.8216, 0.2471, 0.3455
Android (android.graphics.Color)	4283679929 (0xFF53C4B9)
YUV	160.9590, 11.8522, -68.3700
Hunter-Lab	66.9490, -31.6709, 0.0511

Details

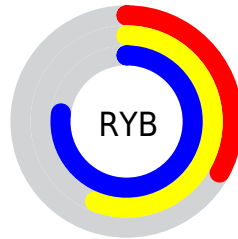
The Hex color **53C4B9** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **C4535E**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **8FFDF1**, and **008E84** is the 20% darker color. If you saturate the color by 10%, you get **3FC4B7**, and if you desaturate by 10%, it is **67C4BB**.

Distribution



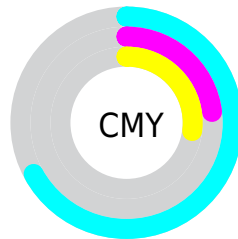
- Red (33%)
- Green (77%)
- Blue (73%)



- Red (33%)
- Yellow (56%)
- Blue (77%)



- Cyan (58%)
- Magenta (0%)
- Yellow (6%)
- Black (23%)



- Cyan (67%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53C4B9 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 53C4B9 by changing the saturation by 10% instead.

 53C4B9

 53C4B9

FFFFFF

 32A89E

 8FFDF1

 008E84

 ACFFFF

 00746B

 C9FFFF

 005A53

 E7FFFF

 00423C

 002B26

 001212

 000000

 53C4B9

 53C4B9

3FC4B7

67C4BB

2CC4B5

7AC4BD

18C4B3

8EC4BF

05C4B1

A1C4C1

00C4B1

B5C4C3

C9C4C4

DCC4C6

F0C4C8

FFC4CA

Harmonies

Analogous

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



79C298



53C4B9



42C2D8

Triad

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



53C4B9



C0A8E6



DDA879

Complementary

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



53C4B9



C4535E

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.



EF9E8E



53C4B9



E19ECC

Square

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



53C4B9



92B3F1



F19AAC



C1B373

Rectangle

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



53C4B9



52BFE7



F19AAC



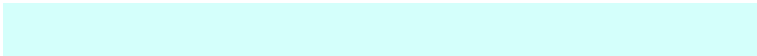
E4A57E

Sweetspot

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



53C4B9



D4FFFB



5EC453



66807D



000000



808080

Same Dimension

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



53C4B9



4FFFE6



5397C4



576160



00A191



00211E

Inverse Universe

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



C4535E



FF4F60



C48053



615758



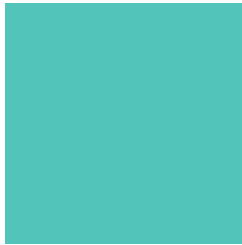
A10010



210003

Previews

White Background



This preview shows how the Hex color 53C4B9 looks on a white background.

Color Contrast Check

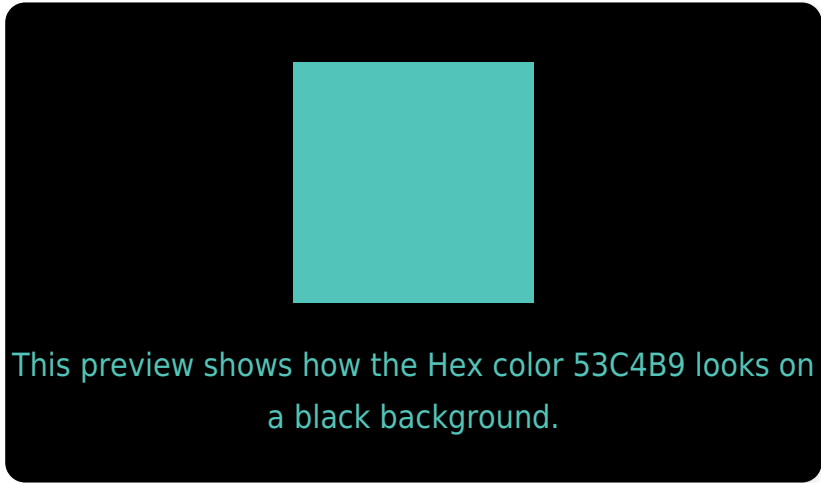
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

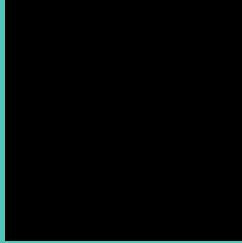
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

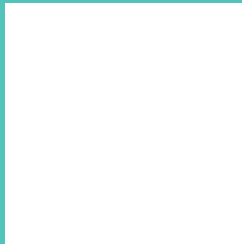
Any Text WCAG AAA ✓ Pass

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

Hex 53C4B9 Background



This preview shows how black text looks on a background with the Hex color 53C4B9.

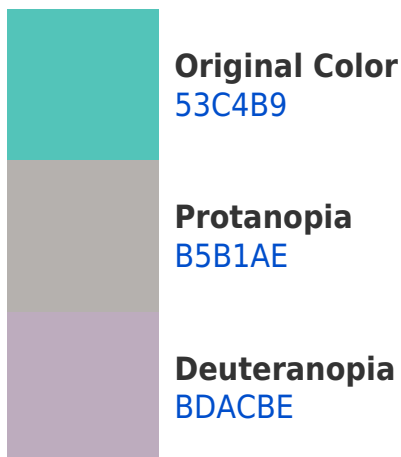


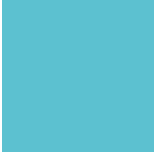
This preview shows how white text looks on a background with the Hex color 53C4B9.

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
5CC1D0

Trichromacy



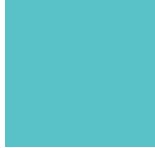
Original Color
53C4B9



Protanomaly
91B8B2



Deuteranomaly
96B5BC



Tritanomaly
59C2C8

Monochromacy



Original Color
53C4B9



Achromatopsia
A1A1A1



Achromatomaly
85AEAA

CSS Examples

Text

The CSS property to change the color of the text to Hex 53C4B9 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 #53C4B9 looks like.

```
.text, #text, p{  
    color:#53C4B9  
}
```

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 #53C4B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53C4B9
}
```

Border

The CSS property to change the border of an element to Hex 53C4B9 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
#53C4B9 }
```

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

```
.border{ border-color:#53C4B9 }
```

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

Here you see how a box with a 4 pixel #53C4B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53C4B9; -webkit-box-shadow:4px 4px  
4px 4px #53C4B9; box-shadow:4px 4px 4px  
4px #53C4B9 }
```

Background

The CSS property to change the background color of an element to Hex 53C4B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53C4B9 }
```

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

```
.background{ background-color:#53C4B9 }
```

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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