

# Converting Colors

Hex(54C1BF)

Have a look what the booklet for  
Hex(54C1BF) contains.

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**Color**

**Hex(54C1BF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54C1BF
RGB	84, 193, 191
RGB Percent	33%, 76%, 75%
CMY	0.6706, 0.2431, 0.2510
CMYK	0.56, 0.00, 0.01, 0.24
HSL	179°, 47%, 54%
HSV	179°, 56%, 76%
XYZ	32.1301, 43.7863, 56.0484
YIQ	160.1810, -64.3220, -23.7300

# Conversions

## Conversions Part 2

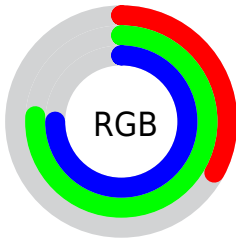
Format	Color
<a href="#">RYB</a>	<a href="#">84, 139, 193</a>
Decimal	<a href="#">5554623</a>
CIELab	<a href="#">72.09, -31.37, -8.42</a>
CIElCh	<a href="#">72, 32.482, 195.015</a>
Yxy	<a href="#">43.7863, 0.2435, 0.3318</a>
Android (android.graphics.Color)	<a href="#">4283744703 (0xFF54C1BF)</a>
YUV	<a href="#">160.1810, 15.1938, -66.8107</a>
Hunter-Lab	<a href="#">66.1712, -29.1273, -3.9000</a>

# Details

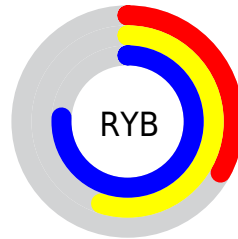
The Hex color **54C1BF** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **C15456**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **8FFAF7**, and **008B8A** is the 20% darker color. If you saturate the color by 10%, you get **41C1BF**, and if you desaturate by 10%, it is **67C1BF**.

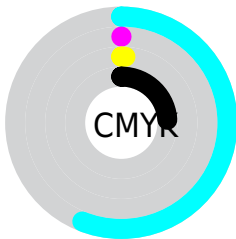
# Distribution



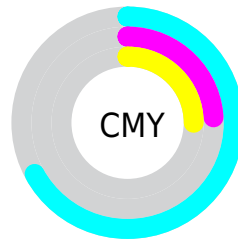
- Red (33%)
- Green (76%)
- Blue (75%)



- Red (33%)
- Yellow (55%)
- Blue (76%)



- Cyan (56%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)



- Cyan (67%)
- Magenta (24%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54C1BF 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 54C1BF by changing the saturation by 10% instead.



 54C1BF

 54C1BF

FFFFFF

 33A6A4

 8FFAF7

 008B8A

 ADFFFF

 007170

 CAFFFF

 005858

 E8FFFF

 004041

 002A2B

 000F17

 000000

 54C1BF

 54C1BF

41C1BF

67C1BF

2DC1BE

7BC1C0

1AC1BE

8EC1C0

07C1BE

A1C1C0

00C1BD

B4C1C1

C8C1C1

DBC1C1

EEC1C2

FFC1C2

# Harmonies

## Analogous

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



72C0A0



54C1BF



51BEDA

# Triad

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



54C1BF



C7A4DB



D3AA78

# Complementary

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



54C1BF



C15456

# 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.



E6A088



54C1BF



E29CC1

# Square

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



54C1BF



A0AEEA



EC9BA3



B6B477

# Rectangle

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



54C1BF



65BAE6



EC9BA3



DAA67C



# Sweetspot

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



54C1BF



CFFAF9



58C154



647D7C



FCFCFC



7D7D7D



# Same Dimension

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



54C1BF



50FAF7



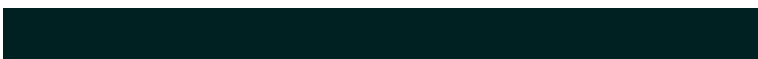
548EC1



576161



00A19E



002121



# Inverse Universe

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



C15456



FA5053



C18754



615757



A10003

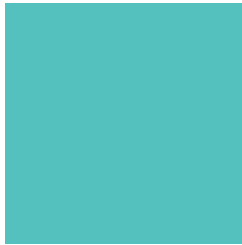


210001



# Previews

## White Background



This preview shows how the Hex color 54C1BF looks on a white background.

## Color Contrast Check

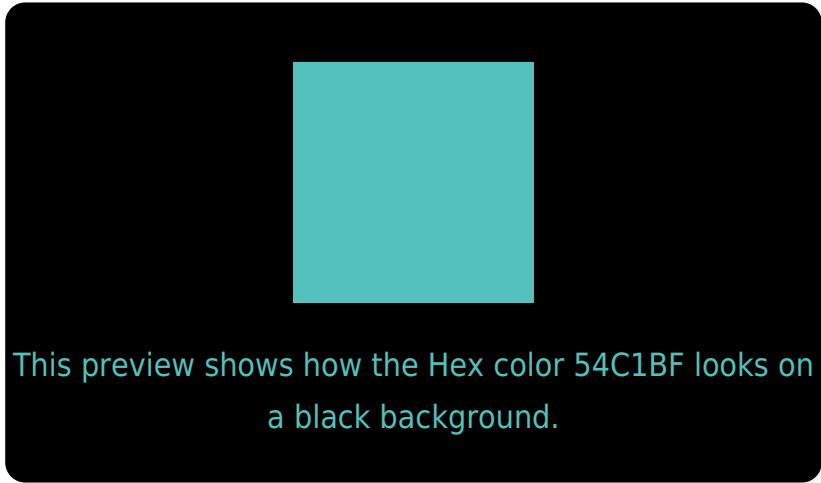
Large Text (above 18pt) WCAG AA × Fail

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

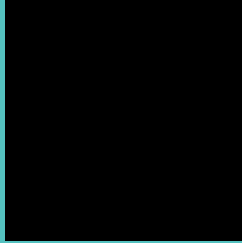
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

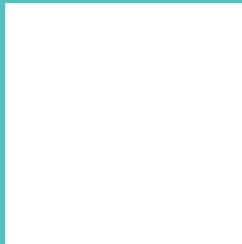
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 54C1BF Background



This preview shows how black text looks on a background with the Hex color 54C1BF.



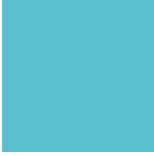
This preview shows how white text looks on a background with the Hex color 54C1BF.

# 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



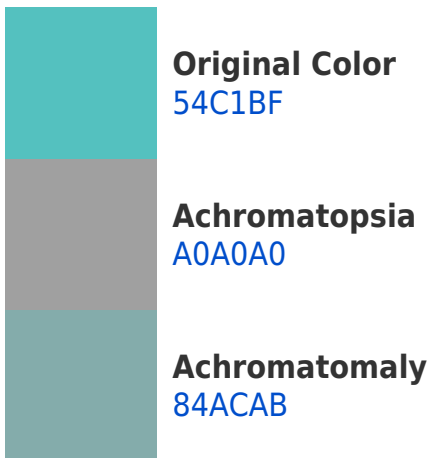


**Tritanopia**  
5ABFCE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54C1BF 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 #54C1BF looks like.

```
.text, #text, p{  
    color:#54C1BF  
}
```

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 #54C1BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54C1BF
}
```

## Border

The CSS property to change the border of an element to Hex 54C1BF 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
#54C1BF }
```

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

```
.border{ border-color:#54C1BF }
```

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

Here you see how a box with a 4 pixel #54C1BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54C1BF; -webkit-box-shadow:4px 4px  
4px 4px #54C1BF; box-shadow:4px 4px 4px  
4px #54C1BF }
```

# Background

The CSS property to change the background color of an element to Hex 54C1BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54C1BF }
```

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

```
.background{ background-color:#54C1BF }
```

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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