

Converting Colors

Hex(54B1CA)

Have a look what the booklet for
Hex(54B1CA) contains.

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Color

Hex(54B1CA)

Conversions

Conversions Part 1

Format	Color
Hex	54B1CA
RGB	84, 177, 202
RGB Percent	33%, 69%, 79%
CMY	0.6706, 0.3059, 0.2078
CMYK	0.58, 0.12, 0.00, 0.21
HSL	193°, 53%, 56%
HSV	193°, 58%, 79%
XYZ	30.0390, 37.5934, 61.5501
YIQ	152.0430, -63.4530, -11.9410

Conversions

Conversions Part 2

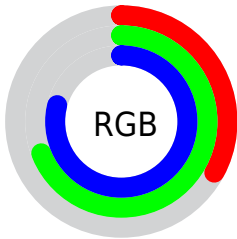
Format	Color
RYB	84, 136, 202
Decimal	5550538
CIELab	67.72, -20.28, -21.02
CIELCh	68, 29.212, 226.030
Yxy	37.5934, 0.2325, 0.2910
Android (android.graphics.Color)	4283740618 (0xFF54B1CA)
YUV	152.0430, 24.6288, -59.6737
Hunter-Lab	61.3134, -19.8469, -16.5995

Details

The Hex color **54B1CA** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **CA6D54**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **8FE9FF**, and **007C94** is the 20% darker color. If you saturate the color by 10%, you get **40ADCA**, and if you desaturate by 10%, it is **68B5CA**.

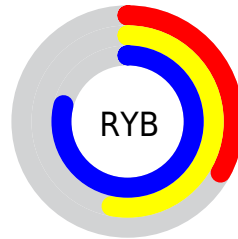
Distribution



Red (33%)

Green (69%)

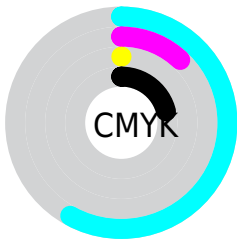
Blue (79%)



Red (33%)

Yellow (53%)

Blue (79%)

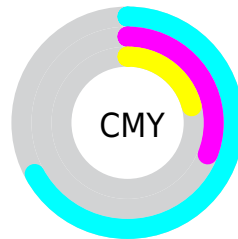


Cyan (58%)

Magenta (12%)

Yellow (0%)

Black (21%)



Cyan (67%)

Magenta (31%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 54B1CA 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 54B1CA by changing the saturation by 10% instead.

■ 54B1CA

■ 54B1CA

FFFFFF

■ 3396AF

■ 8FE9FF

■ 007C94

■ ACFFFF

■ 00637A

■ CAFFFF

■ 004B61

■ E7FFFF

■ 003449

■ 002033

■ 00021E

■ 000000

■ 54B1CA

■ 54B1CA

40ADCA

68B5CA

2CA8CA

7CBACA

17A4CA

91BECA

03A0CA

A5C2CA

009FCA

B9C6CA

CDCBCA

E1CFCA

F6D3CA

FFD8CA

Harmonies

Analogous

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



55B4B3



54B1CA



71ABD7

Triad

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



54B1CA



D193B2



A9A872

Complementary

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



54B1CA



CA6D54

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.



C39F72



54B1CA



DA9298

Square

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



54B1CA



BA99CA



D49780



8BAF80

Rectangle

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



54B1CA



8AA6D9



D49780



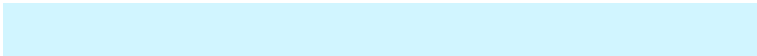
B2A570

Sweetspot

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



54B1CA



D1F5FF



54CA6C



637A80



000000



808080

Same Dimension

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



54B1CA



4DD9FF



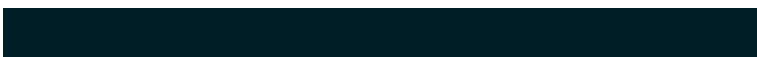
5477CA



5C6466



0083A6



001E26

Inverse Universe

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



CA54B1



FF4DD9



CAA754



665C64



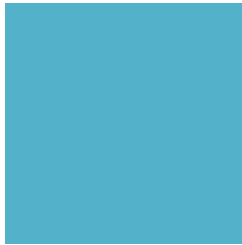
A60083



26001E

Previews

White Background



This preview shows how the Hex color 54B1CA looks on a white background.

Color Contrast Check

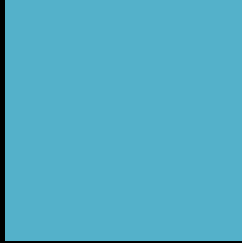
Large Text (above 18pt) WCAG AA × Fail

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 54B1CA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

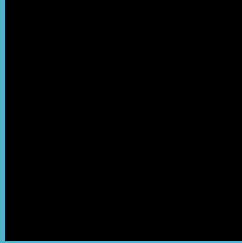
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

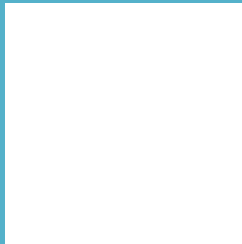
Any Text WCAG AAA ✓ Pass

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

Hex 54B1CA Background



This preview shows how black text looks on a background with the Hex color 54B1CA.

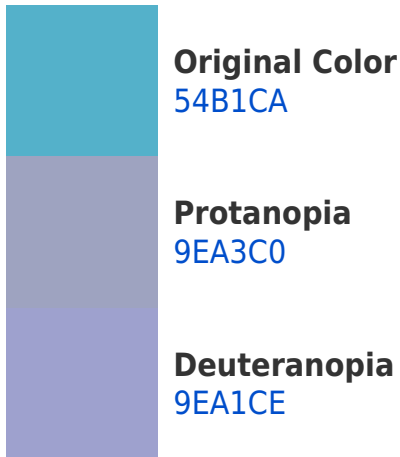


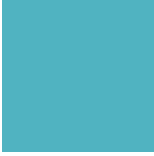
This preview shows how white text looks on a background with the Hex color 54B1CA.

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](#).

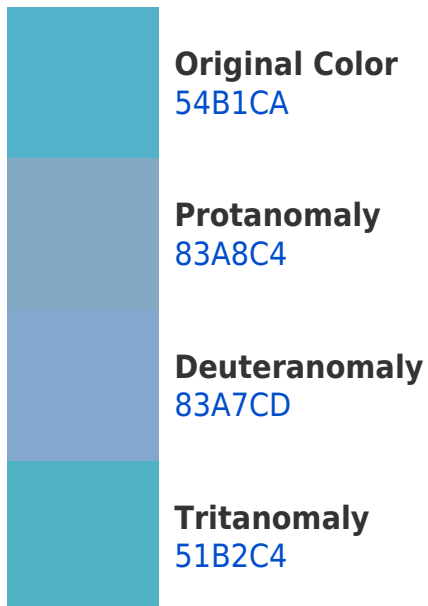
Dichromacy



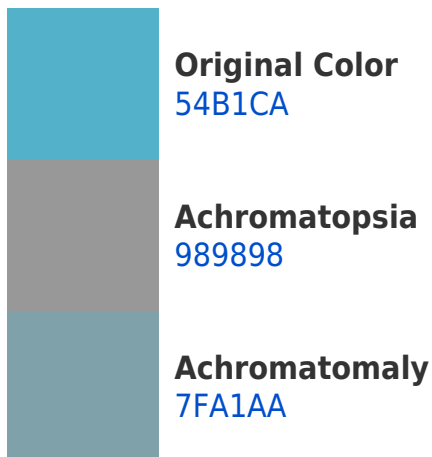


Tritanopia
50B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 54B1CA 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 #54B1CA looks like.

```
.text, #text, p{  
    color:#54B1CA  
}
```

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 #54B1CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54B1CA
}
```

Border

The CSS property to change the border of an element to Hex 54B1CA 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
#54B1CA }
```

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

```
.border{ border-color:#54B1CA }
```

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

Here you see how a box with a 4 pixel #54B1CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54B1CA; -webkit-box-shadow:4px 4px  
4px 4px #54B1CA; box-shadow:4px 4px 4px  
4px #54B1CA }
```

Background

The CSS property to change the background color of an element to Hex 54B1CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54B1CA }
```

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

```
.background{ background-color:#54B1CA }
```

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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