

# Converting Colors

Hex(53B4BA)

Have a look what the booklet for  
Hex(53B4BA) contains.

<b>Hex(53B4BA)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(53B4BA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53B4BA
RGB	83, 180, 186
RGB Percent	33%, 71%, 73%
CMY	0.6745, 0.2941, 0.2706
CMYK	0.55, 0.03, 0.00, 0.27
HSL	183°, 43%, 53%
HSV	183°, 55%, 73%
XYZ	28.7515, 38.0267, 52.2789
YIQ	151.6810, -59.7380, -18.6980

# Conversions

## Conversions Part 2

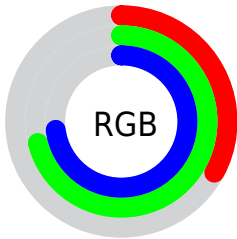
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 133, 186
Decimal	5485754
CIE <sub>Lab</sub>	68.04, -26.60, -11.71
CIE <sub>LCh</sub>	68, 29.064, 203.765
Yxy	38.0267, 0.2415, 0.3194
Android (android.graphics.Color)	4283675834 (0xFF53B4BA)
YUV	151.6810, 16.9193, -60.2332
Hunter-Lab	61.6658, -24.6901, -7.0987

# Details

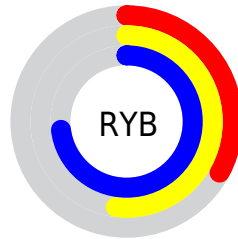
The Hex color **53B4BA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BA5953**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **8DECF2**, and **007F85** is the 20% darker color. If you saturate the color by 10%, you get **40B3BA**, and if you desaturate by 10%, it is **66B5BA**.

# Distribution



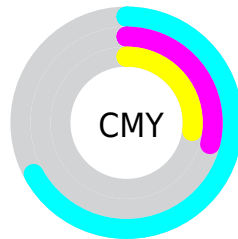
- Red (33%)
- Green (71%)
- Blue (73%)



- Red (33%)
- Yellow (52%)
- Blue (73%)



- Cyan (55%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)



- Cyan (67%)
- Magenta (29%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53B4BA 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 53B4BA by changing the saturation by 10% instead.



■ 53B4BA

■ 53B4BA

FFFFFF

■ 33999F

■ 8DECF2

■ 007F85

■ AAAAAA

■ 00656C

■ C7FFFF

■ 004D53

■ E5FFFF

■ 00363C

■ 002227

■ 000112

■ 000000

■ 53B4BA

■ 53B4BA

40B3BA

66B5BA

2EB2BA

78B6BA

1BB1BA

8BB7BA

09B0BA

9DB8BA

00AFBA

B0B9BA

C3BBBA

D5BCBA

E8BDBA

FABEBA

# Harmonies

## Analogous

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



67B49F



53B4BA



5BB1CF

# Triad

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



53B4BA



C298C5



BDA272

# Complementary

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



53B4BA



BA5953

# 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.



D19A7C



53B4BA



D693AC

# Square

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



53B4BA



A2A1D6



DA9392



A3AB75

# Rectangle

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



53B4BA



6FADD8



DA9392



C59F74



# Sweetspot

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



53B4BA



C9F0F2



53BA58



62797A



FAFAFA



7A7A7A



# Same Dimension

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



53B4BA



52E9F2



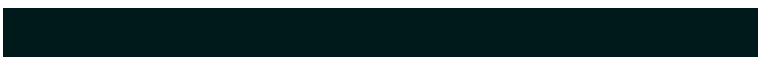
5381BA



535B5C



00929C



001A1C



# Inverse Universe

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



BA53B4



F252E9



BA8C53



5C535B



9C0092

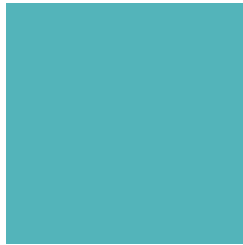


1C001A



# Previews

## White Background



This preview shows how the Hex color 53B4BA looks on a white background.

## Color Contrast Check

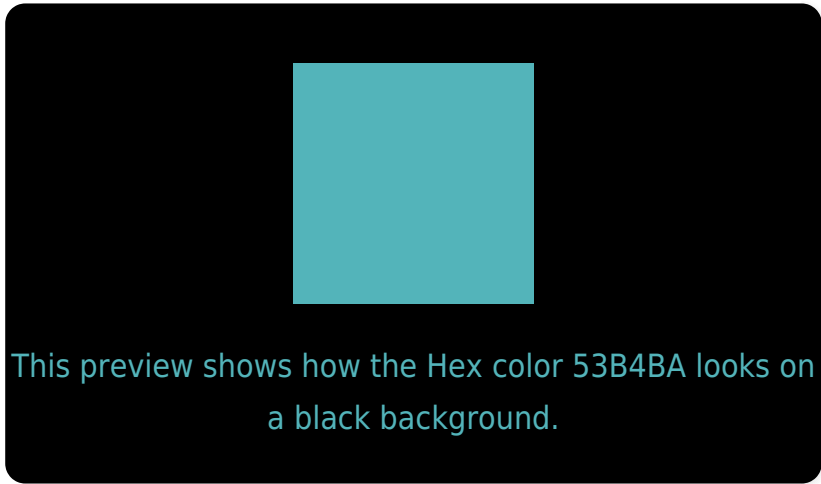
Large Text (above 18pt) WCAG AA × Fail

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

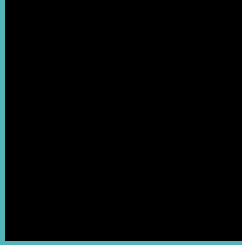
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

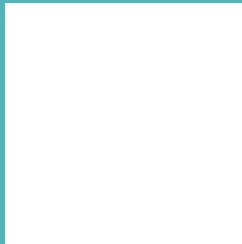
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 53B4BA Background



This preview shows how black text looks on a background with the Hex color 53B4BA.

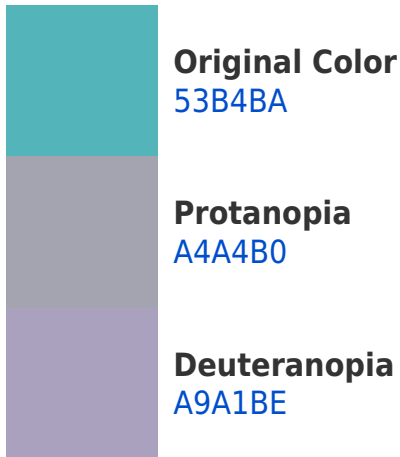


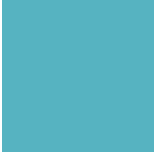
This preview shows how white text looks on a background with the Hex color 53B4BA.

# 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](#).

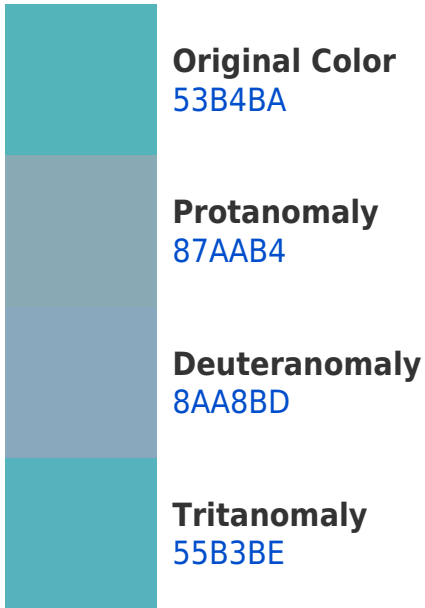
## Dichromacy



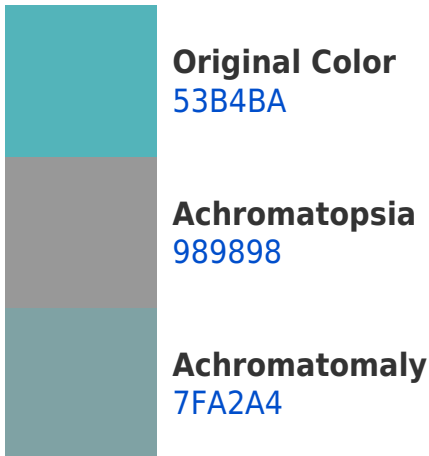


**Tritanopia**  
56B3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53B4BA 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 #53B4BA looks like.

```
.text, #text, p{  
    color:#53B4BA  
}
```

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 #53B4BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53B4BA
}
```

## Border

The CSS property to change the border of an element to Hex 53B4BA 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
#53B4BA }
```

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

```
.border{ border-color:#53B4BA }
```

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

Here you see how a box with a 4 pixel #53B4BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53B4BA; -webkit-box-shadow:4px 4px  
4px 4px #53B4BA; box-shadow:4px 4px 4px  
4px #53B4BA }
```

# Background

The CSS property to change the background color of an element to Hex 53B4BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53B4BA }
```

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

```
.background{ background-color:#53B4BA }
```

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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