

Converting Colors

Hex(53B4BD)

Have a look what the booklet for
Hex(53B4BD) contains.

Hex(53B4BD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(53B4BD)

Conversions

Conversions Part 1

Format	Color
Hex	53B4BD
RGB	83, 180, 189
RGB Percent	33%, 71%, 74%
CMY	0.6745, 0.2941, 0.2588
CMYK	0.56, 0.05, 0.00, 0.26
HSL	185°, 45%, 53%
HSV	185°, 56%, 74%
XYZ	29.0738, 38.1556, 53.9765
YIQ	152.0230, -60.7010, -17.7650

Conversions

Conversions Part 2

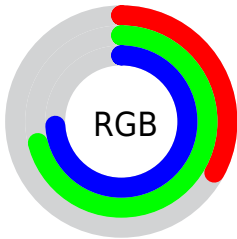
Format	Color
R_YB	83, 134, 189
Decimal	5485757
CIE _{Lab}	68.14, -25.76, -13.23
CIE _{LCh}	68, 28.956, 207.179
Yxy	38.1556, 0.2399, 0.3148
Android (android.graphics.Color)	4283675837 (0xFF53B4BD)
YUV	152.0230, 18.2297, -60.5332
Hunter-Lab	61.7703, -24.0821, -8.5700

Details

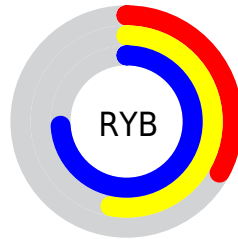
The Hex color **53B4BD** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BD5C53**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **8DECF5**, and **007F88** is the 20% darker color. If you saturate the color by 10%, you get **40B2BD**, and if you desaturate by 10%, it is **66B6BD**.

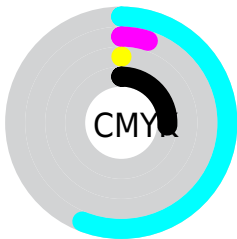
Distribution



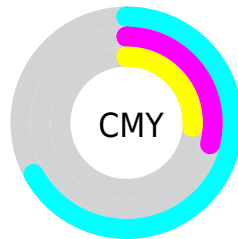
- Red (33%)
- Green (71%)
- Blue (74%)



- Red (33%)
- Yellow (53%)
- Blue (74%)



- Cyan (56%)
- Magenta (5%)
- Yellow (0%)
- Black (26%)



- Cyan (67%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53B4BD 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 53B4BD by changing the saturation by 10% instead.

 53B4BD

 53B4BD

FFFFFF

 3399A2

 8DECF5

 007F88

 AAFFFF

 00666E

 C8FFFF

 004D56

 E5FFFF

 00363F

 002229

 000115

 000000

 53B4BD

 53B4BD

40B2BD

66B6BD

2DB1BD

79B7BD

1AAFBD

8CB9BD

07AEBD

9FBABD

00ADBD

B2BCBD

C4BEBD

D7BFBD

EAC1BD

FDC2BD

Harmonies

Analogous

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



64B4A3



53B4BD



5EB0D1

Triad

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



53B4BD



C598C3



BBA472

Complementary

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



53B4BD



BD5C53

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.



D09B7B



53B4BD



D793AA

Square

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



53B4BD



A6A0D4



DA948F



A0AC77

Rectangle

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



53B4BD



74ACD8



DA948F



C3A173

Sweetspot

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



53B4BD



CBF1F5



53BD5C



62787A



FAFAFA



7A7A7A

Same Dimension

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



53B4BD



51E7F5



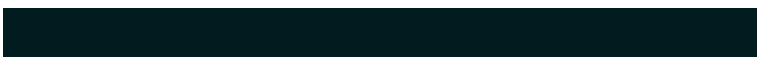
537FBD



555E5E



00919E



001C1F

Inverse Universe

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



BD53B4



F551E7



BD9153



5E555E



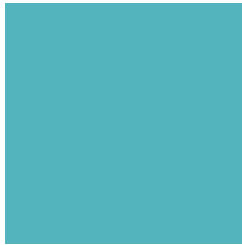
9E0091



1F001C

Previews

White Background



This preview shows how the Hex color 53B4BD 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 53B4BD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

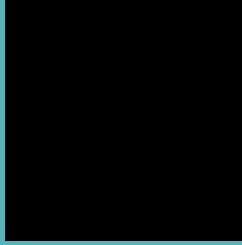
Any Text WCAG AA ✓ Pass

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 53B4BD Background



This preview shows how black text looks on a background with the Hex color 53B4BD.

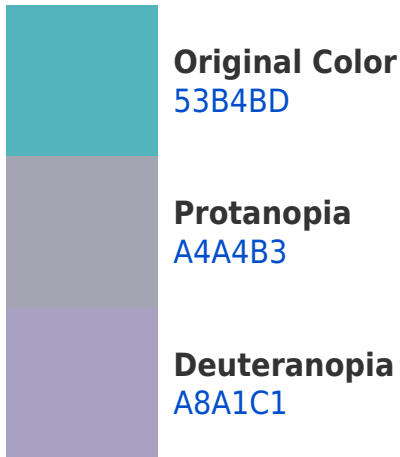


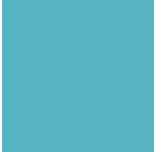
This preview shows how white text looks on a background with the Hex color 53B4BD.

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](#).

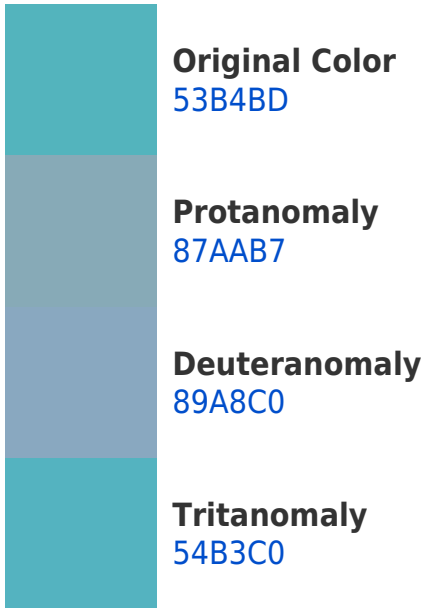
Dichromacy



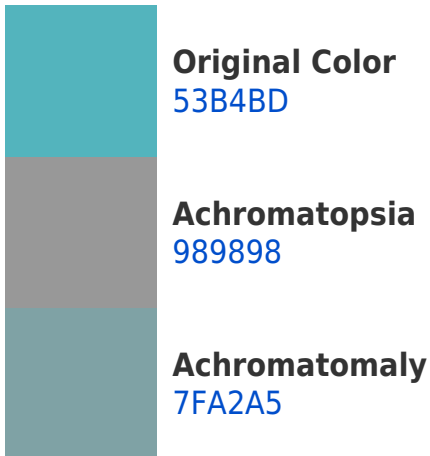


Tritanopia
55B3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53B4BD 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 #53B4BD looks like.

```
.text, #text, p{  
    color:#53B4BD  
}
```

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 #53B4BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53B4BD
}
```

Border

The CSS property to change the border of an element to Hex 53B4BD 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
#53B4BD }
```

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

```
.border{ border-color:#53B4BD }
```

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

Here you see how a box with a 4 pixel #53B4BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53B4BD; -webkit-box-shadow:4px 4px  
4px 4px #53B4BD; box-shadow:4px 4px 4px  
4px #53B4BD }
```

Background

The CSS property to change the background color of an element to Hex 53B4BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53B4BD }
```

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

```
.background{ background-color:#53B4BD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor