

Converting Colors

Hex(53B9B5)

Have a look what the booklet for
Hex(53B9B5) contains.

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Color

Hex(53B9B5)

Conversions

Conversions Part 1

Format	Color
Hex	53B9B5
RGB	83, 185, 181
RGB Percent	33%, 73%, 71%
CMY	0.6745, 0.2745, 0.2902
CMYK	0.55, 0.00, 0.02, 0.27
HSL	178°, 42%, 53%
HSV	178°, 55%, 73%
XYZ	29.2567, 39.8731, 49.8704
YIQ	154.0460, -59.5080, -22.8680

Conversions

Conversions Part 2

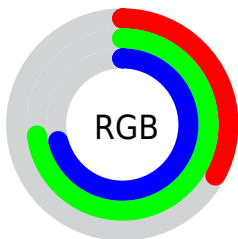
Format	Color
RYB	83, 135, 185
Decimal	5487029
CIELab	69.38, -30.42, -6.96
CIELCh	69, 31.202, 192.892
Yxy	39.8731, 0.2459, 0.3351
Android (android.graphics.Color)	4283677109 (0xFF53B9B5)
YUV	154.0460, 13.2883, -62.3073
Hunter-Lab	63.1452, -27.8005, -2.6240

Details

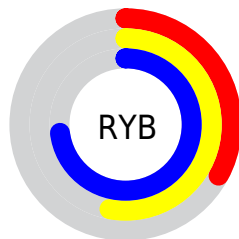
The Hex color **53B9B5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B95357**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **8DF1ED**, and **008380** is the 20% darker color. If you saturate the color by 10%, you get **41B9B4**, and if you desaturate by 10%, it is **66B9B6**.

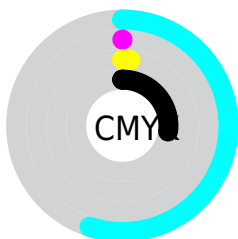
Distribution



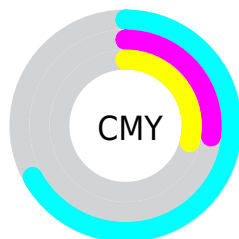
- Red (33%)
- Green (73%)
- Blue (71%)



- Red (33%)
- Yellow (53%)
- Blue (73%)



- Cyan (55%)
- Magenta (0%)
- Yellow (2%)
- Black (27%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 53B9B5 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 53B9B5 by changing the saturation by 10% instead.

 53B9B5

 53B9B5

FFFFFF

 339E9A

 8DF1ED

 008380

 AAFFFF

 006A67

 C7FFFF

 00514F

 E5FFFF

 003938

 002423

 00010E

 000000

 53B9B5

 53B9B5

 41B9B4

 66B9B6

 2EB9B4

 78B9B6

 1CB9B3

 8BB9B7

 09B9B2

 9DB9B8

 00B9B2

 B0B9B9

 C2B9B9

 D5B9BA

 E7B9BB

 FAB9BC

Harmonies

Analogous

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



70B898



53B9B5



4EB7CF

Triad

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



53B9B5



BD9ED3



CBA274

Complementary

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



53B9B5



B95357

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.



DD9984



53B9B5



D796BB

Square

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



53B9B5



96A8E0



E2949E



B1AC72

Rectangle

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



53B9B5



5FB3DB



E2949E



D29F78

Sweetspot

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



53B9B5



C7F0EE



58B953



607877



F7F7F7



787878

Same Dimension

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



53B9B5



51F0E9



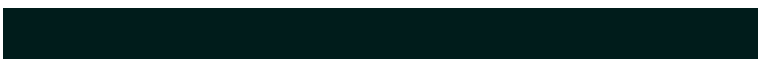
538BB9



535C5B



009C95



001C1B

Inverse Universe

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



B95357



F05158



B98153



5C5353



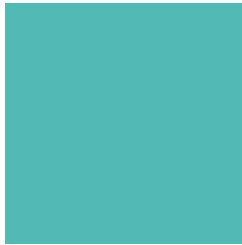
9C0006



1C0001

Previews

White Background



This preview shows how the Hex color 53B9B5 looks on a white background.

Color Contrast Check

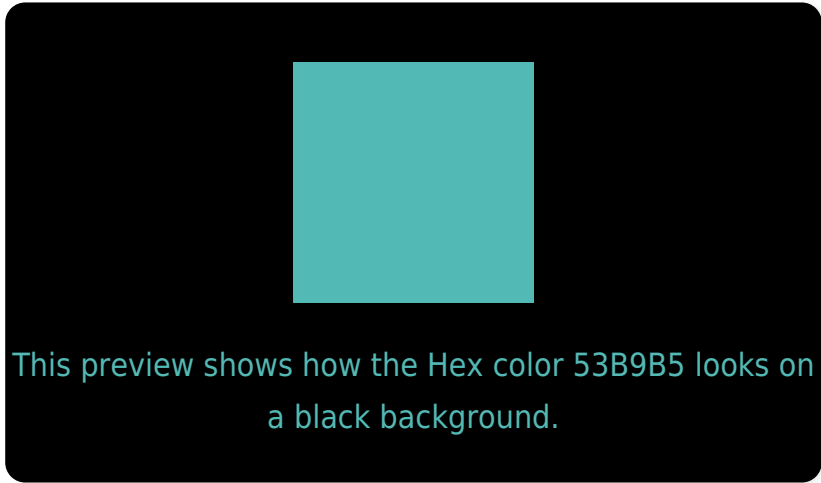
Large Text (above 18pt) WCAG AA × Fail

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

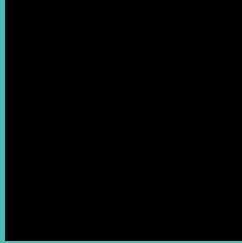
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

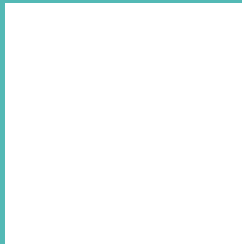
Any Text WCAG AAA ✓ Pass

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

Hex 53B9B5 Background



This preview shows how black text looks on a background with the Hex color 53B9B5.

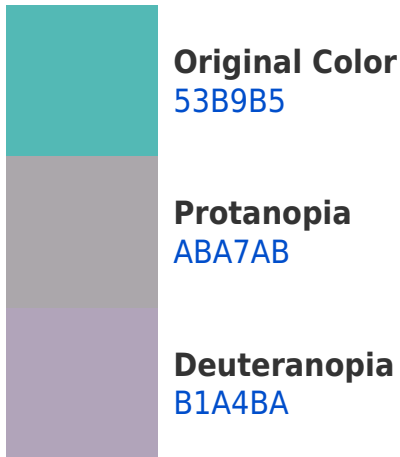


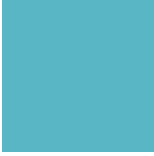
This preview shows how white text looks on a background with the Hex color 53B9B5.

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](#).

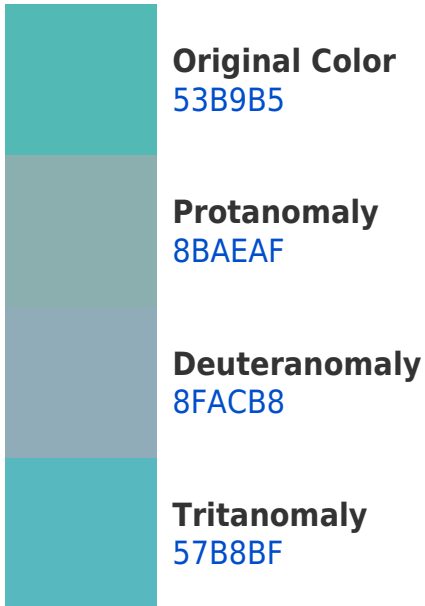
Dichromacy



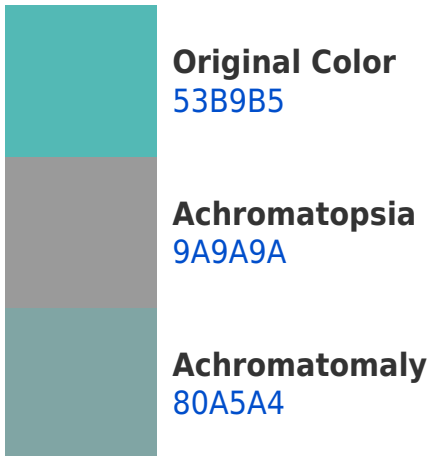


Tritanopia
59B7C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53B9B5 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 #53B9B5 looks like.

```
.text, #text, p{  
    color:#53B9B5  
}
```

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 #53B9B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53B9B5
}
```

Border

The CSS property to change the border of an element to Hex 53B9B5 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
#53B9B5 }
```

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

```
.border{ border-color:#53B9B5 }
```

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

Here you see how a box with a 4 pixel #53B9B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53B9B5; -webkit-box-shadow:4px 4px  
4px 4px #53B9B5; box-shadow:4px 4px 4px  
4px #53B9B5 }
```

Background

The CSS property to change the background color of an element to Hex 53B9B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53B9B5 }
```

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

```
.background{ background-color:#53B9B5 }
```

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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