

Converting Colors

Hex(59B3DB)

Have a look what the booklet for
Hex(59B3DB) contains.

Hex(59B3DB)	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(59B3DB)

Conversions

Conversions Part 1

Format	Color
Hex	59B3DB
RGB	89, 179, 219
RGB Percent	35%, 70%, 86%
CMY	0.6510, 0.2980, 0.1412
CMYK	0.59, 0.18, 0.00, 0.14
HSL	198°, 64%, 60%
HSV	198°, 59%, 86%
XYZ	33.0261, 39.4785, 72.8973
YIQ	156.6500, -66.4800, -6.6400

Conversions

Conversions Part 2

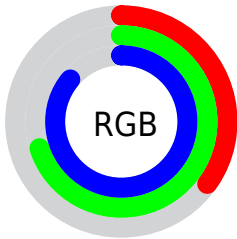
Format	Color
RYB	89, 142, 219
Decimal	5878747
CIELab	69.10, -15.28, -28.25
CIELCh	69, 32.114, 241.586
Yxy	39.4785, 0.2271, 0.2715
Android (android.graphics.Color)	4284068827 (0xFF59B3DB)
YUV	156.6500, 30.7385, -59.3291
Hunter-Lab	62.8319, -16.1316, -24.8056

Details

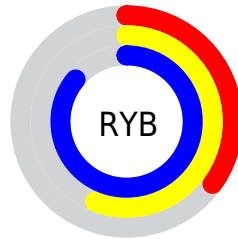
The Hex color **59B3DB** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **DB8159**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **95EBFF**, and **017EA4** is the 20% darker color. If you saturate the color by 10%, you get **43ACDB**, and if you desaturate by 10%, it is **6FBADB**.

Distribution



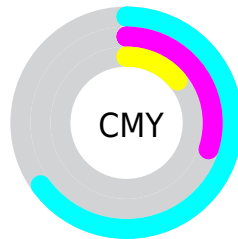
- Red (35%)
- Green (70%)
- Blue (86%)



- Red (35%)
- Yellow (56%)
- Blue (86%)



- Cyan (59%)
- Magenta (18%)
- Yellow (0%)
- Black (14%)



- Cyan (65%)
- Magenta (30%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59B3DB 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 59B3DB by changing the saturation by 10% instead.

■ 59B3DB

■ 59B3DB

FFFFFF

■ 3898BF

■ 95EBFF

■ 017EA4

■ B2FFFF

■ 006589

■ D0FFFF

■ 004D70

■ EEEFFF

■ 003657

■ 002140

■ 00032A

■ 000114

■ 000000

■ 59B3DB

■ 59B3DB

■ 43ACDB

■ 6FBADB

■ 2DA6DB

■ 85C0DB

■ 179FDB

■ 9BC7DB

■ 0198DB

■ B1CEDB

■ 0098DB

■ C7D5DB

■ DCDBDB

■ F2E2DB

■ FFE9DB

■ FFF0DB

Harmonies

Analogous

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



45B8C6



59B3DB



84ABE2

Triad

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



59B3DB



E093A8



9CB076

Complementary

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



59B3DB



DB8159

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.



BBA76E



59B3DB



E1958C

Square

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



59B3DB



CF97C5



D39D76



7AB68C

Rectangle

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



59B3DB



A1A4DF



D39D76



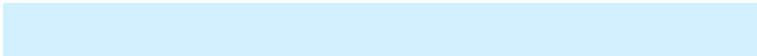
A7AD72

Sweetspot

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



59B3DB



D1F1FF



59DB80



637780



000000



808080

Same Dimension

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



59B3DB



4AC7FF



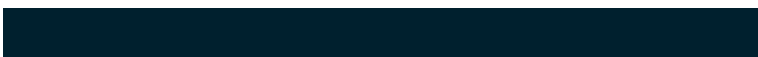
5973DB



636A6E



0078AD



00202E

Inverse Universe

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



DB59B3



FF4AC7



DBC159



6E636A



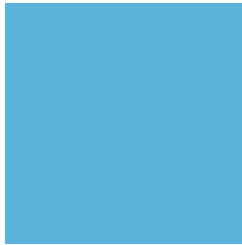
AD0078



2E0020

Previews

White Background



This preview shows how the Hex color 59B3DB looks on a white background.

Color Contrast Check

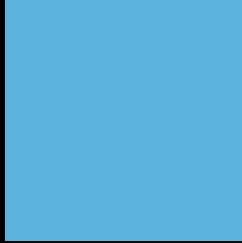
Large Text (above 18pt) WCAG AA × Fail

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 59B3DB 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 59B3DB Background



This preview shows how black text looks on a background with the Hex color 59B3DB.

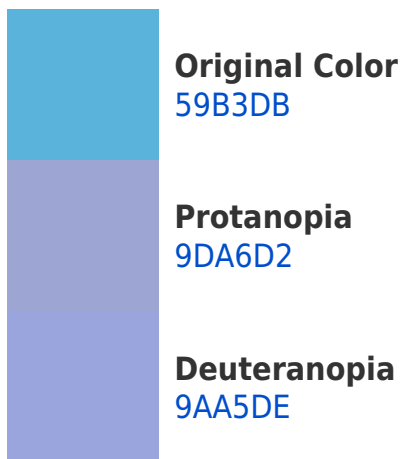


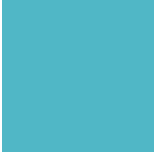
This preview shows how white text looks on a background with the Hex color 59B3DB.

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](#).

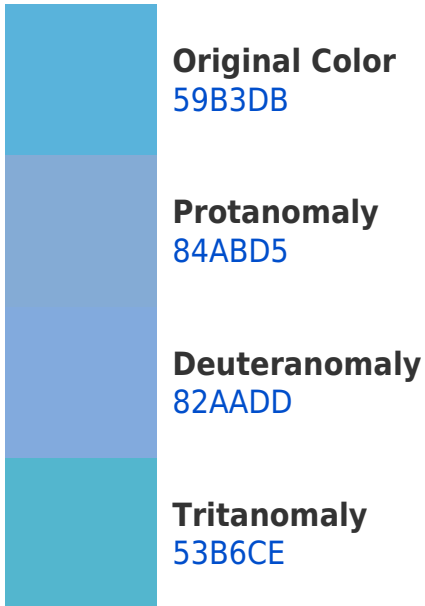
Dichromacy



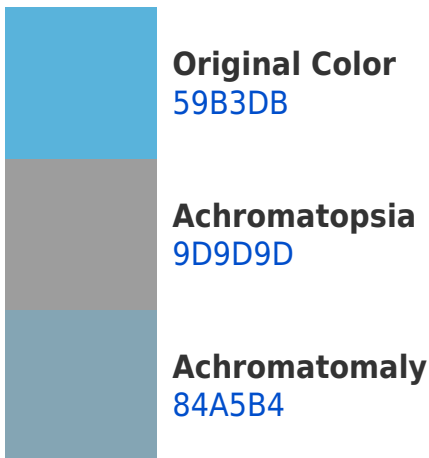


Tritanopia
50B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 59B3DB 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 #59B3DB looks like.

```
.text, #text, p{  
    color:#59B3DB  
}
```

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 #59B3DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59B3DB
}
```

Border

The CSS property to change the border of an element to Hex 59B3DB 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
#59B3DB }
```

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

```
.border{ border-color:#59B3DB }
```

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

Here you see how a box with a 4 pixel #59B3DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59B3DB; -webkit-box-shadow:4px 4px  
4px 4px #59B3DB; box-shadow:4px 4px 4px  
4px #59B3DB }
```

Background

The CSS property to change the background color of an element to Hex 59B3DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59B3DB }
```

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

```
.background{ background-color:#59B3DB }
```

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