

Converting Colors

Hex(51A8DB)

Have a look what the booklet for
Hex(51A8DB) contains.

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Color

Hex(51A8DB)

Conversions

Conversions Part 1

Format	Color
Hex	51A8DB
RGB	81, 168, 219
RGB Percent	32%, 66%, 86%
CMY	0.6824, 0.3412, 0.1412
CMYK	0.63, 0.23, 0.00, 0.14
HSL	202°, 66%, 59%
HSV	202°, 63%, 86%
XYZ	30.1822, 34.8691, 72.1575
YIQ	147.8010, -68.2230, -2.5830

Conversions

Conversions Part 2

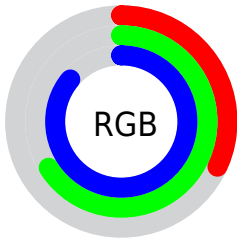
Format	Color
R_{YB}	81, 134, 219
Decimal	5351643
CIE _{Lab}	65.65, -10.80, -33.60
CIE _{LCh}	66, 35.294, 252.173
Yxy	34.8691, 0.2200, 0.2541
Android (android.graphics.Color)	4283541723 (0xFF51A8DB)
YUV	147.8010, 35.1011, -58.5845
Hunter-Lab	59.0500, -12.1011, -31.1157

Details

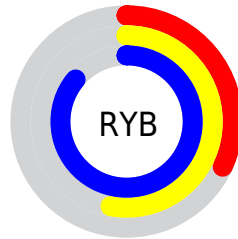
The Hex color **51A8DB** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **DB8451**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **8EDFFF**, and **0074A4** is the 20% darker color. If you saturate the color by 10%, you get **3BA0DB**, and if you desaturate by 10%, it is **67B0DB**.

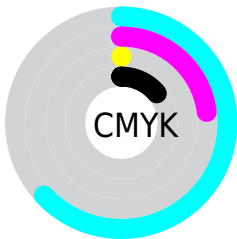
Distribution



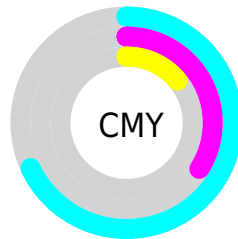
- Red (32%)
- Green (66%)
- Blue (86%)



- Red (32%)
- Yellow (53%)
- Blue (86%)



- Cyan (63%)
- Magenta (23%)
- Yellow (0%)
- Black (14%)



- Cyan (68%)
- Magenta (34%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51A8DB 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 51A8DB by changing the saturation by 10% instead.

■ 51A8DB

■ 51A8DB

FFFFFF

■ 2D8EBF

■ 8EDFFF

■ 0074A4

■ ACFCFF

■ 005C89

■ C9FFFF

■ 004470

■ E7FFFF

■ 002E57

■ 001A3F

■ 000329

■ 000113

■ 000000

■ 51A8DB

■ 51A8DB

■ 3BA0DB

■ 67B0DB

■ 2598DB

■ 7DB8DB

■ 0F90DB

■ 93C0DB

■ 008ADB

■ A9C8DB

■ BFD0DB

■ D4D9DB

■ EAE1DB

■ FFE9DB

■ FFF1DB

Harmonies

Analogous

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



1FAEC9



51A8DB



879EDD

Triad

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



51A8DB



DD8794



85AA6F

Complementary

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



51A8DB



DB8451

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.



A8A261



51A8DB



D88D76

Square

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



51A8DB



D189B4



C59764



5DAF8B

Rectangle

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



51A8DB



A696D5



C59764



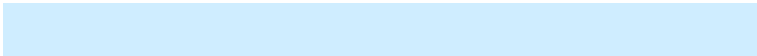
91A869

Sweetspot

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



51A8DB



CFEDFF



51DB84



627580



000000



808080

Same Dimension

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



51A8DB



3DB7FF



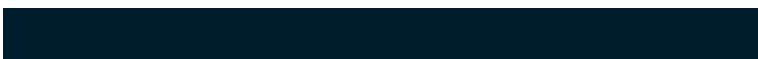
5163DB



636A6E



006DAD



001D2E

Inverse Universe

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



DB51A8



FF3DB7



DBC951



6E636A



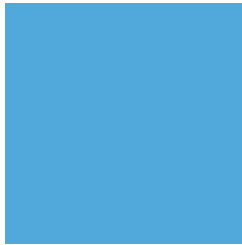
AD006D



2E001D

Previews

White Background



This preview shows how the Hex color 51A8DB 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 51A8DB 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 51A8DB Background



This preview shows how black text looks on a background with the Hex color 51A8DB.

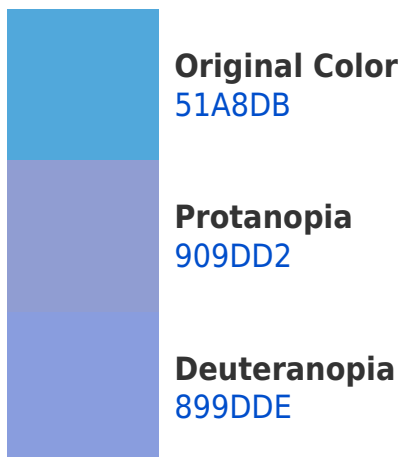


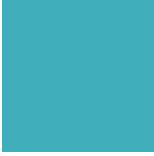
This preview shows how white text looks on a background with the Hex color 51A8DB.

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](#).

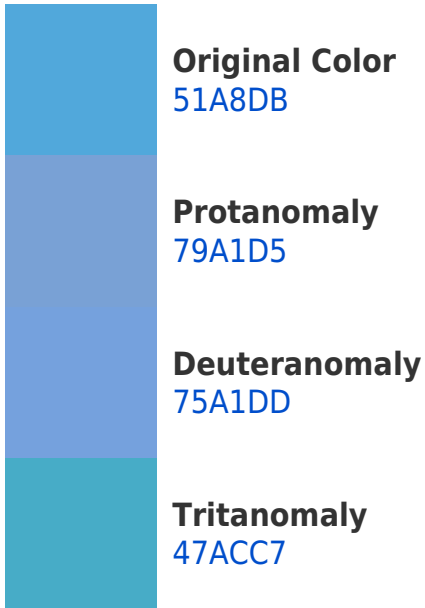
Dichromacy



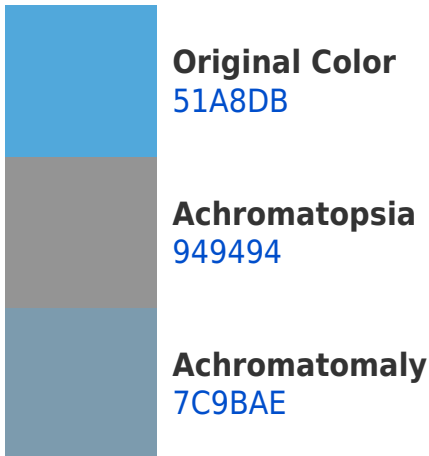


Tritanopia
41AEB3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51A8DB 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 #51A8DB looks like.

```
.text, #text, p{  
    color:#51A8DB  
}
```

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 #51A8DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51A8DB
}
```

Border

The CSS property to change the border of an element to Hex 51A8DB 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
#51A8DB }
```

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

```
.border{ border-color:#51A8DB }
```

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

Here you see how a box with a 4 pixel #51A8DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51A8DB; -webkit-box-shadow:4px 4px  
4px 4px #51A8DB; box-shadow:4px 4px 4px  
4px #51A8DB }
```

Background

The CSS property to change the background color of an element to Hex 51A8DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51A8DB }
```

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

```
.background{ background-color:#51A8DB }
```

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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