

# Converting Colors

Hex(54A3DB)

Have a look what the booklet for  
Hex(54A3DB) contains.

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# **Color**

**Hex(54A3DB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54A3DB
RGB	84, 163, 219
RGB Percent	33%, 64%, 86%
CMY	0.6706, 0.3608, 0.1412
CMYK	0.62, 0.26, 0.00, 0.14
HSL	205°, 65%, 59%
HSV	205°, 62%, 86%
XYZ	29.5395, 33.1937, 71.8680
YIQ	145.7630, -65.0600, 0.6680

# Conversions

## Conversions Part 2

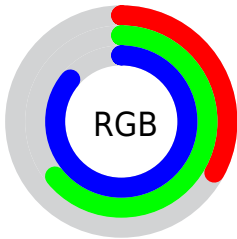
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 134, 219
Decimal	5546971
CIE <sub>Lab</sub>	64.32, -7.51, -35.66
CIE <sub>LCh</sub>	64, 36.441, 258.100
Yxy	33.1937, 0.2195, 0.2466
Android (android.graphics.Color)	4283737051 (0xFF54A3DB)
YUV	145.7630, 36.1058, -54.1662
Hunter-Lab	57.6140, -9.3048, -33.6289

# Details

The Hex color **54A3DB** 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 **DB8C54**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **90DAFF**, and **0070A4** is the 20% darker color. If you saturate the color by 10%, you get **3E9ADB**, and if you desaturate by 10%, it is **6AACDB**.

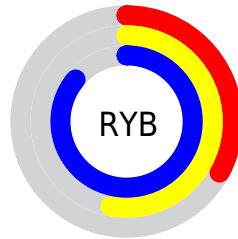
# Distribution



Red (33%)

Green (64%)

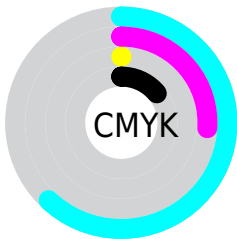
Blue (86%)



Red (33%)

Yellow (53%)

Blue (86%)

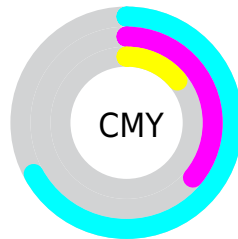


Cyan (62%)

Magenta (26%)

Yellow (0%)

Black (14%)



Cyan (67%)

Magenta (36%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54A3DB 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 54A3DB by changing the saturation by 10% instead.



■ 54A3DB

■ 54A3DB

FFFFFF

■ 3289BF

■ 90DAFF

■ 0070A4

■ AEF6FF

■ 005789

■ CBFFFF

■ 004070

■ E9FFFF

■ 002A57

■ 00173F

■ 000329

■ 000113

■ 000000

■ 54A3DB

■ 54A3DB

■ 3E9ADB

■ 6AACDB

■ 2891DB

■ 80B5DB

■ 1288DB

■ 96BEDB

■ 0080DB

■ ACC7DB

■ C2D0DB

■ D7DADB

■ EDE3DB

■ FFECDB

■ FFF5DB

# Harmonies

## Analogous

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



0AAACB



54A3DB



8C98DA

# Triad

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



54A3DB



DB8389



78A86F

# Complementary

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



54A3DB



DB8C54

# 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.



9DA05D



54A3DB



D38A6D

# Square

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



54A3DB



D384AA



BD965C



4EAC8D

# Rectangle

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



54A3DB



AB90CF



BD965C



85A668

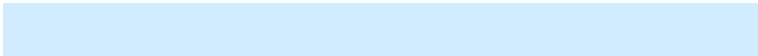


# Sweetspot

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



54A3DB



D1ECFF



54DB8A



637480



000000



808080



# Same Dimension

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



54A3DB



42B1FF



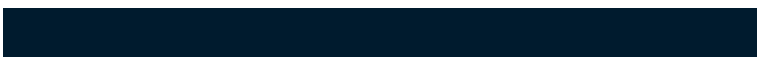
5461DB



63696E



0065AD



001B2E



# Inverse Universe

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



DB54A3



FF42B1



DBC54



6E6369



AD0065



2E001B



# Previews

## White Background



This preview shows how the Hex color 54A3DB looks on a white background.

## Color Contrast Check

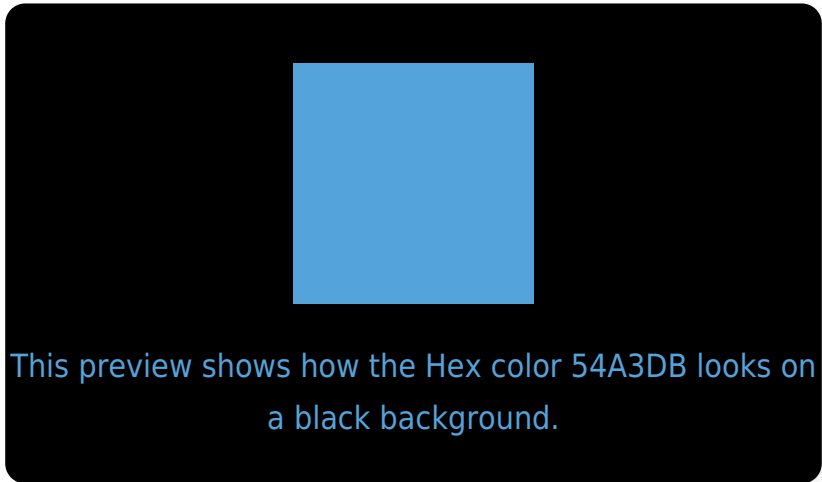
Large Text (above 18pt) WCAG AA × Fail

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

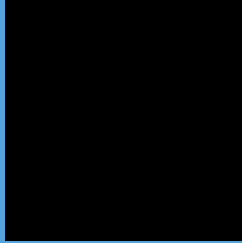
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

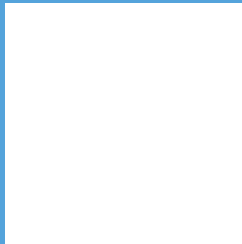
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 54A3DB Background



This preview shows how black text looks on a background with the Hex color 54A3DB.

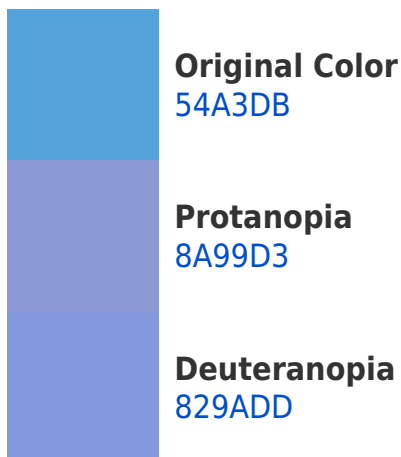


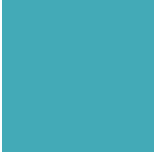
This preview shows how white text looks on a background with the Hex color 54A3DB.

# 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](#).

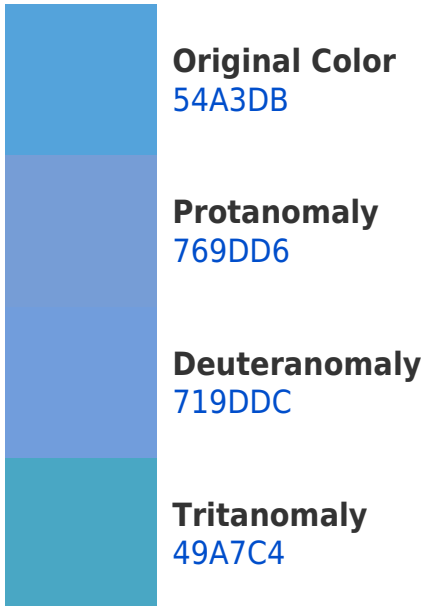
## Dichromacy



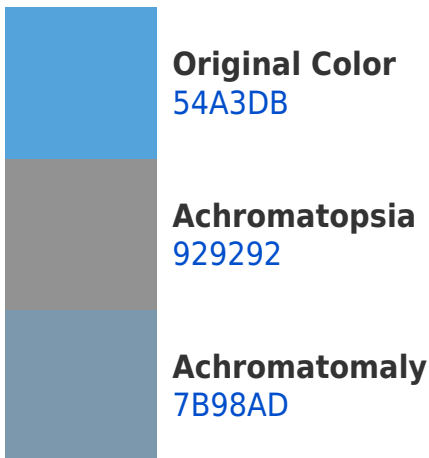


**Tritanopia**  
43AAB7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54A3DB 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 #54A3DB looks like.

```
.text, #text, p{  
    color:#54A3DB  
}
```

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 #54A3DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54A3DB
}
```

## Border

The CSS property to change the border of an element to Hex 54A3DB 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
#54A3DB }
```

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

```
.border{ border-color:#54A3DB }
```

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

Here you see how a box with a 4 pixel #54A3DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54A3DB; -webkit-box-shadow:4px 4px  
4px 4px #54A3DB; box-shadow:4px 4px 4px  
4px #54A3DB }
```

# Background

The CSS property to change the background color of an element to Hex 54A3DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54A3DB }
```

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

```
.background{ background-color:#54A3DB }
```

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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