

Converting Colors

Hex(54A7DF)

Have a look what the booklet for
Hex(54A7DF) contains.

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Color

Hex(54A7DF)

Conversions

Conversions Part 1

Format	Color
Hex	54A7DF
RGB	84, 167, 223
RGB Percent	33%, 65%, 87%
CMY	0.6706, 0.3451, 0.1255
CMYK	0.62, 0.25, 0.00, 0.13
HSL	204°, 68%, 60%
HSV	204°, 62%, 87%
XYZ	30.7942, 34.8500, 74.9157
YIQ	148.5670, -67.4440, -0.1800

Conversions

Conversions Part 2

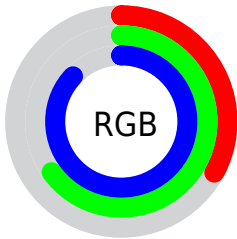
Format	Color
R _Y B	84, 136, 223
Decimal	5547999
CIE Lab	65.63, -8.45, -35.82
CIE LCh	66, 36.803, 256.726
Yxy	34.8500, 0.2191, 0.2479
Android (android.graphics.Color)	4283738079 (0xFF54A7DF)
YUV	148.5670, 36.6955, -56.6253
Hunter-Lab	59.0339, -10.1973, -33.9171

Details

The Hex color **54A7DF** 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 **DF8C54**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **91DEFF**, and **0073A8** is the 20% darker color. If you saturate the color by 10%, you get **3E9EDF**, and if you desaturate by 10%, it is **6AB0DF**.

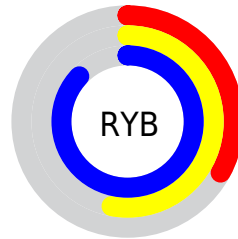
Distribution



Red (33%)

Green (65%)

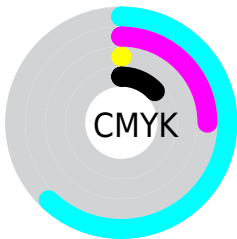
Blue (87%)



Red (33%)

Yellow (53%)

Blue (87%)

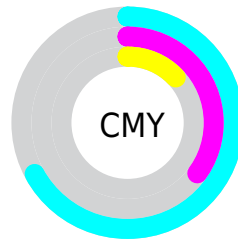


Cyan (62%)

Magenta (25%)

Yellow (0%)

Black (13%)



Cyan (67%)

Magenta (35%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 54A7DF 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 54A7DF by changing the saturation by 10% instead.

■ 54A7DF

■ 54A7DF

FFFFFF

■ 318DC3

■ 91DEFF

■ 0073A8

■ AEFBFF

■ 005B8D

■ CCFFFF

■ 004373

■ EAFFFF

■ 002E5A

■ 001A42

■ 00032C

■ 000116

■ 000000

■ 54A7DF

■ 54A7DF

■ 3E9EDF

■ 6AB0DF

■ 2795DF

■ 81B9DF

■ 118CDF

■ 97C2DF

■ 0085DF

■ ADCBDF

■ C3D4DF

■ DADDDF

■ F0E6DF

■ FFEFDf

■ FFF8DF

Harmonies

Analogous

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



0CAECE



54A7DF



8D9CDE

Triad

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



54A7DF



E0868E



7DAB71

Complementary

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



54A7DF



DF8C54

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.



A3A35F



54A7DF



D88D71

Square

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



54A7DF



D687AF



C2985F



52B08F

Rectangle

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



54A7DF



AD94D4



C2985F



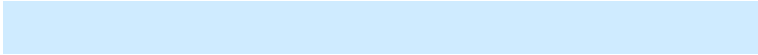
8AA969

Sweetspot

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



54A7DF



CFEBFF



54DF8C



627480



000000



808080

Same Dimension

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



54A7DF



40B2FF



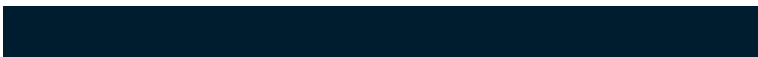
5462DF



656C70



0069B0



001D30

Inverse Universe

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



DF54A7



FF40B2



DFD154



70656C



B00069



30001D

Previews

White Background



This preview shows how the Hex color 54A7DF looks on a white background.

Color Contrast Check

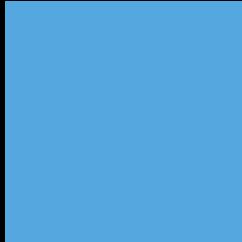
Large Text (above 18pt) WCAG AA × Fail

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 54A7DF 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

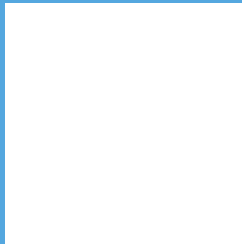
Any Text WCAG AAA ✓ Pass

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

Hex 54A7DF Background



This preview shows how black text looks on a background with the Hex color 54A7DF.

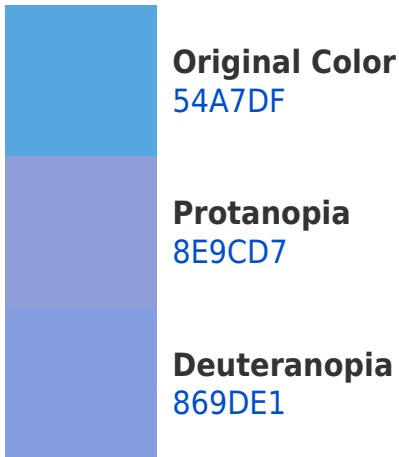


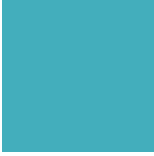
This preview shows how white text looks on a background with the Hex color 54A7DF.

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](#).

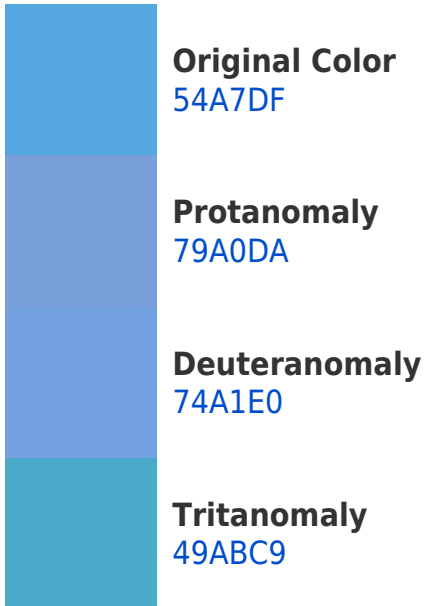
Dichromacy



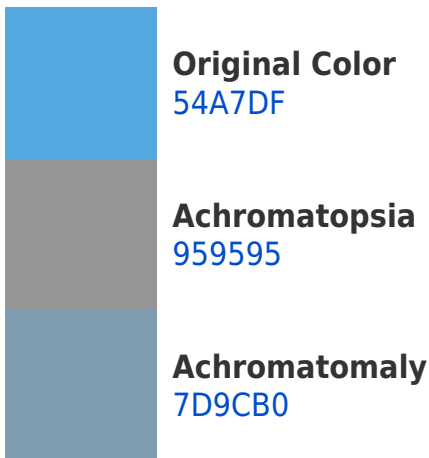


Tritanopia
43AEBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 54A7DF 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 #54A7DF looks like.

```
.text, #text, p{  
    color:#54A7DF  
}
```

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 #54A7DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54A7DF
}
```

Border

The CSS property to change the border of an element to Hex 54A7DF 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
#54A7DF }
```

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

```
.border{ border-color:#54A7DF }
```

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

Here you see how a box with a 4 pixel #54A7DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54A7DF; -webkit-box-shadow:4px 4px  
4px 4px #54A7DF; box-shadow:4px 4px 4px  
4px #54A7DF }
```

Background

The CSS property to change the background color of an element to Hex 54A7DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54A7DF }
```

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

```
.background{ background-color:#54A7DF }
```

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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