

# Converting Colors

Hex(53A6CF)

Have a look what the booklet for  
Hex(53A6CF) contains.

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# **Color**

**Hex(53A6CF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53A6CF
RGB	83, 166, 207
RGB Percent	33%, 65%, 81%
CMY	0.6745, 0.3490, 0.1882
CMYK	0.60, 0.20, 0.00, 0.19
HSL	200°, 56%, 57%
HSV	200°, 60%, 81%
XYZ	28.4660, 33.6164, 64.0198
YIQ	145.8570, -62.6290, -4.8450

# Conversions

## Conversions Part 2

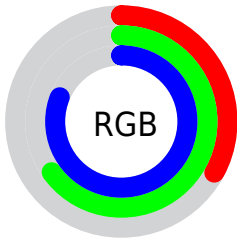
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	83, 133, 207
Decimal	5482191
CIE Lab	64.66, -13.13, -28.49
CIE LCh	65, 31.368, 245.253
Yxy	33.6164, 0.2257, 0.2666
Android (android.graphics.Color)	4283672271 (0xFF53A6CF)
YUV	145.8570, 30.1435, -55.1256
Hunter-Lab	57.9797, -13.8272, -24.8808

# Details

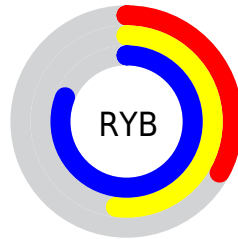
The Hex color **53A6CF** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **CF7C53**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **8EDDFF**, and **007299** is the 20% darker color. If you saturate the color by 10%, you get **3E9FCF**, and if you desaturate by 10%, it is **68ADCF**.

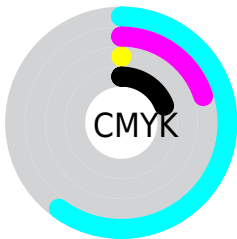
# Distribution



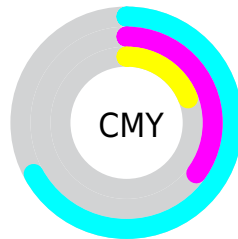
- Red (33%)
- Green (65%)
- Blue (81%)



- Red (33%)
- Yellow (52%)
- Blue (81%)



- Cyan (60%)
- Magenta (20%)
- Yellow (0%)
- Black (19%)



- Cyan (67%)
- Magenta (35%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53A6CF 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 53A6CF by changing the saturation by 10% instead.



■ 53A6CF

■ 53A6CF

FFFFFF

■ 328CB3

■ 8EDDFF

■ 007299

■ ABFAFF

■ 005A7E

■ C9FFFF

■ 004265

■ E6FFFF

■ 002C4D

■ 001936

■ 000220

■ 000005

■ 000000

■ 53A6CF

■ 53A6CF

■ 3E9FCF

■ 68ADCF

■ 2A98CF

■ 7CB4CF

■ 1591CF

■ 91BBCF

■ 008BCF

■ A6C1CF

■ BBC8CF

■ CFCFCF

■ E4D6CF

■ F9DDCF

■ FFE4CF

# Harmonies

## Analogous

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



3AABBC



53A6CF



7E9ED4

# Triad

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



53A6CF



D38799



8DA56E

# Complementary

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



53A6CF



CF7C53

# 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.



AB9D65



53A6CF



D28B7E

# Square

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



53A6CF



C58BB5



C3936B



6CAA84

# Rectangle

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



53A6CF



9A97CF



C3936B



97A269

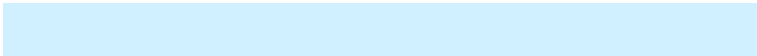


# Sweetspot

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



53A6CF



D1F0FF



53CF7A



637680



000000



808080



# Same Dimension

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



53A6CF



47C2FF



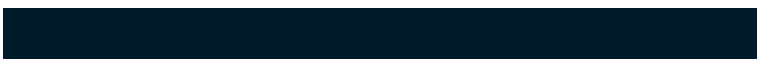
536ACF



5E6569



0071A8



001B29



# Inverse Universe

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



CF53A6



FF47C2



CFB853



695E65



A80071



29001B



# Previews

## White Background



This preview shows how the Hex color 53A6CF looks on a white background.

## Color Contrast Check

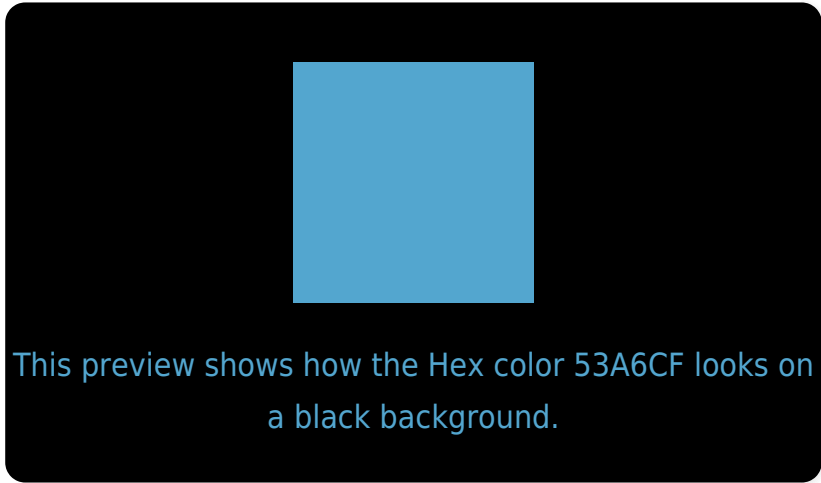
Large Text (above 18pt) WCAG AA × Fail

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 53A6CF Background



This preview shows how black text looks on a background with the Hex color 53A6CF.

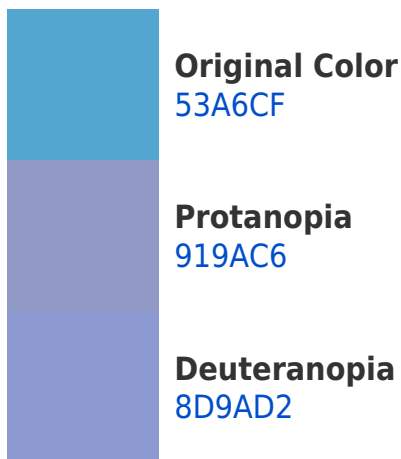


This preview shows how white text looks on a background with the Hex color 53A6CF.

# 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](#).

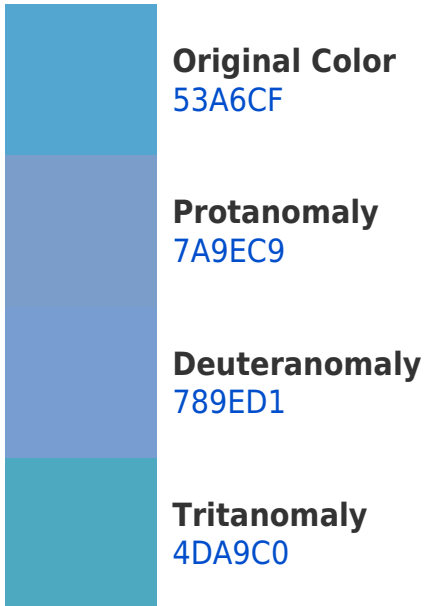
## Dichromacy





**Tritanopia**  
49AAB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53A6CF 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 #53A6CF looks like.

```
.text, #text, p{  
    color:#53A6CF  
}
```

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 #53A6CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53A6CF
}
```

## Border

The CSS property to change the border of an element to Hex 53A6CF 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
#53A6CF }
```

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

```
.border{ border-color:#53A6CF }
```

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

Here you see how a box with a 4 pixel #53A6CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53A6CF; -webkit-box-shadow:4px 4px  
4px 4px #53A6CF; box-shadow:4px 4px 4px  
4px #53A6CF }
```

# Background

The CSS property to change the background color of an element to Hex 53A6CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53A6CF }
```

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

```
.background{ background-color:#53A6CF }
```

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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