

Converting Colors

Hex(539CC1)

Have a look what the booklet for
Hex(539CC1) contains.

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Color

Hex(539CC1)

Conversions

Conversions Part 1

Format	Color
Hex	539CC1
RGB	83, 156, 193
RGB Percent	33%, 61%, 76%
CMY	0.6745, 0.3882, 0.2431
CMYK	0.57, 0.19, 0.00, 0.24
HSL	200°, 47%, 54%
HSV	200°, 57%, 76%
XYZ	25.0814, 29.4662, 54.8177
YIQ	138.3910, -55.3850, -3.9690

Conversions

Conversions Part 2

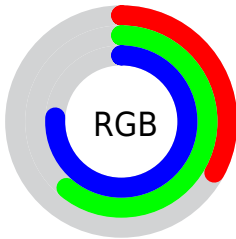
Format	Color
R_{YB}	83, 127, 193
Decimal	5479617
CIE _{Lab}	61.19, -12.01, -26.02
CIE _{LCh}	61, 28.657, 245.216
Yxy	29.4662, 0.2293, 0.2694
Android (android.graphics.Color)	4283669697 (0xFF539CC1)
YUV	138.3910, 26.9222, -48.5779
Hunter-Lab	54.2828, -12.5188, -21.8763

Details

The Hex color **539CC1** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **C17853**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **8CD2FA**, and **07698B** is the 20% darker color. If you saturate the color by 10%, you get **4096C1**, and if you desaturate by 10%, it is **66A2C1**.

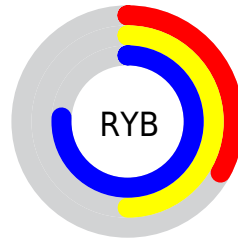
Distribution



Red (33%)

Green (61%)

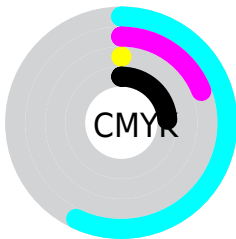
Blue (76%)



Red (33%)

Yellow (50%)

Blue (76%)

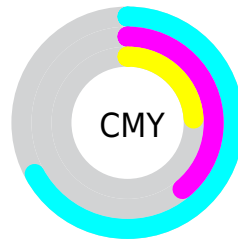


Cyan (57%)

Magenta (19%)

Yellow (0%)

Black (24%)



Cyan (67%)

Magenta (39%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 539CC1 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 539CC1 by changing the saturation by 10% instead.

■ 539CC1

■ 539CC1

FFFFFF

■ 3482A6

■ 8CD2FA

■ 07698B

■ A9EFFF

■ 005172

■ C6FFFF

■ 003A59

■ E3FFFF

■ 002441

■ 000B2B

■ 000116

■ 000000

■ 539CC1

■ 539CC1

■ 4096C1

■ 66A2C1

■ 2C8FC1

■ 7AA9C1

■ 1989C1

■ 8DAFC1

■ 0682C1

■ A0B6C1

■ 0080C1

■ B3BCC1

■ C7C3C1

■ DAC9C1

■ EDD0C1

■ FFD6C1

Harmonies

Analogous

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



3FA0B0



539CC1



7995C6

Triad

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



539CC1



C58190



869B6A

Complementary

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



539CC1



C17853

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.



A19461



539CC1



C48478

Square

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



539CC1



B884A9



B78B66



68A07E

Rectangle

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



539CC1



928FC1



B78B66



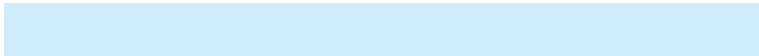
8F9965

Sweetspot

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



539CC1



CFECFA



53C178



64757D



FCFCFC



7D7D7D

Same Dimension

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



539CC1



50C1FA



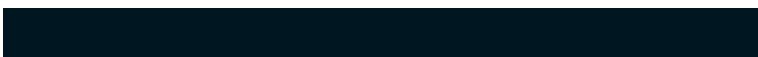
5365C1



575E61



006BA1



001621

Inverse Universe

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



C1539C



FA50C1



C1AF53



61575E



A1006B



210016

Previews

White Background



This preview shows how the Hex color 539CC1 looks on a white background.

Color Contrast Check

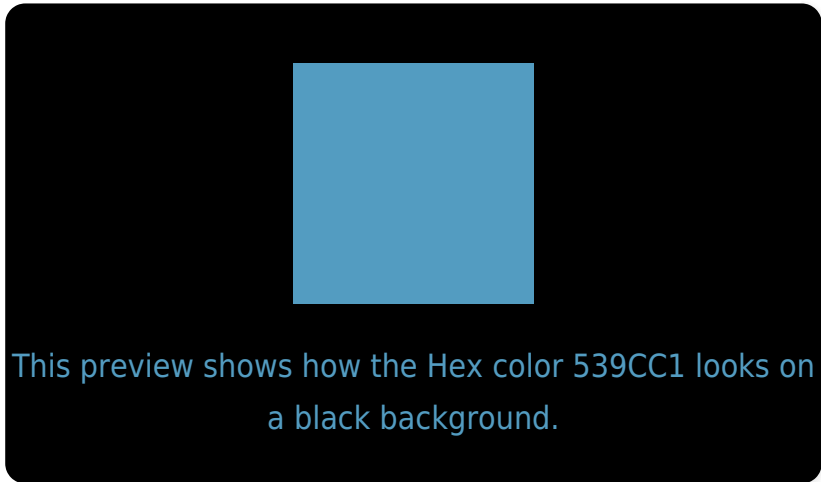
Large Text (above 18pt) WCAG AA ✓ Pass

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

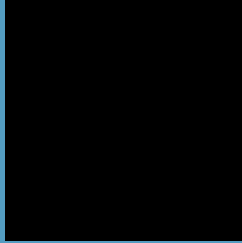
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 539CC1 Background



This preview shows how black text looks on a background with the Hex color 539CC1.

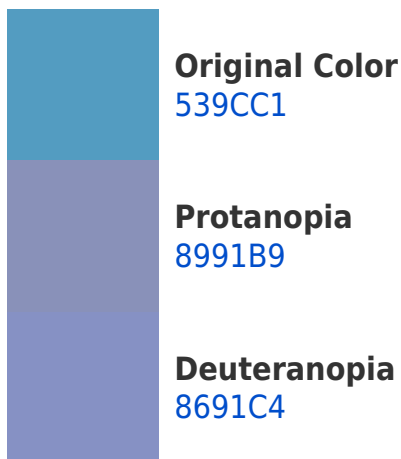


This preview shows how white text looks on a background with the Hex color 539CC1.

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](#).

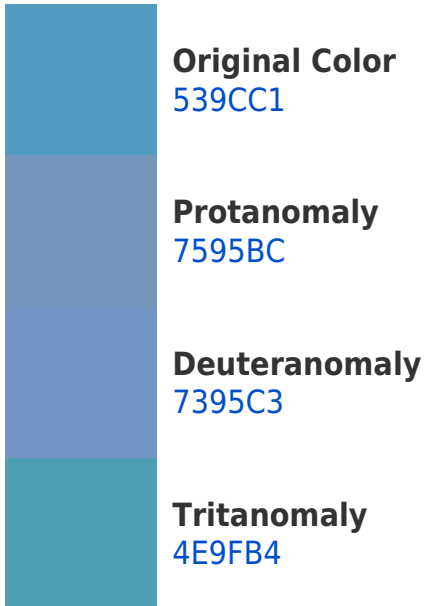
Dichromacy



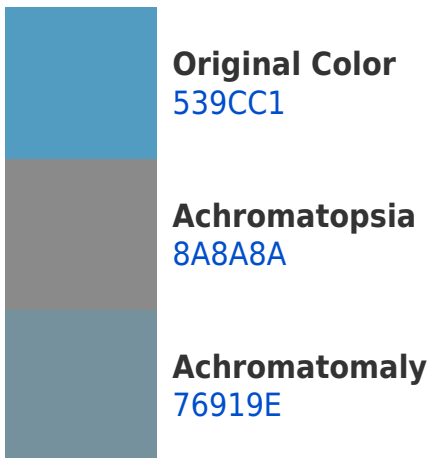


Tritanopia
4BA0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 539CC1 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 #539CC1 looks like.

```
.text, #text, p{  
    color:#539CC1  
}
```

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 #539CC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #539CC1
}
```

Border

The CSS property to change the border of an element to Hex 539CC1 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
#539CC1 }
```

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

```
.border{ border-color:#539CC1 }
```

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

Here you see how a box with a 4 pixel #539CC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #539CC1; -webkit-box-shadow:4px 4px  
4px 4px #539CC1; box-shadow:4px 4px 4px  
4px #539CC1 }
```

Background

The CSS property to change the background color of an element to Hex 539CC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#539CC1 }
```

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

```
.background{ background-color:#539CC1 }
```

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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awesome pro features!

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