

Converting Colors

Hex(539CCC)

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

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Color

Hex(539CCC)

Conversions

Conversions Part 1

Format	Color
Hex	539CCC
RGB	83, 156, 204
RGB Percent	33%, 61%, 80%
CMY	0.6745, 0.3882, 0.2000
CMYK	0.59, 0.24, 0.00, 0.20
HSL	204°, 54%, 56%
HSV	204°, 59%, 80%
XYZ	26.3548, 29.9756, 61.5236
YIQ	139.6450, -58.9160, -0.5480

Conversions

Conversions Part 2

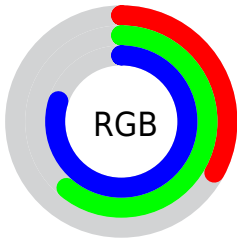
Format	Color
R _Y B	83, 129, 204
Decimal	5479628
CIE Lab	61.63, -8.58, -31.49
CIE LCh	62, 32.643, 254.759
Yxy	29.9756, 0.2236, 0.2543
Android (android.graphics.Color)	4283669708 (0xFF539CCC)
YUV	139.6450, 31.7270, -49.6777
Hunter-Lab	54.7499, -9.8884, -28.3003

Details

The Hex color **539CCC** 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 **CC8353**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **8DD2FF**, and **006996** is the 20% darker color. If you saturate the color by 10%, you get **3F94CC**, and if you desaturate by 10%, it is **67A4CC**.

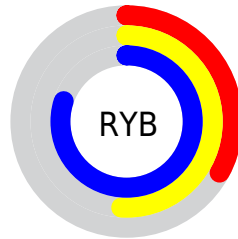
Distribution



Red (33%)

Green (61%)

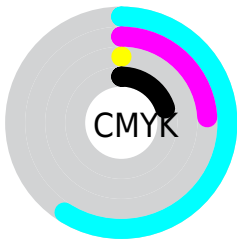
Blue (80%)



Red (33%)

Yellow (51%)

Blue (80%)

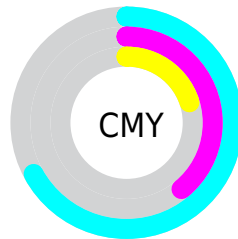


Cyan (59%)

Magenta (24%)

Yellow (0%)

Black (20%)



Cyan (67%)

Magenta (39%)

Yellow (20%)

Brightness & Saturation Gradients

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

■ 539CCC

■ 539CCC

FFFFFF

■ 3382B0

■ 8DD2FF

■ 006996

■ AAFFFF

■ 00517C

■ C8FFFF

■ 003A62

■ E5FFFF

■ 00254A

■ 000F34

■ 00021E

■ 000000

■ 539CCC

■ 539CCC

■ 3F94CC

■ 67A4CC

■ 2A8CCC

■ 7CACCC

■ 1684CC

■ 90B4CC

■ 017CCC

■ A5BCCC

■ 007BCC

■ B9C4CC

■ CDCDCC

■ E2D5CC

■ F6DDCC

■ FFE5CC

Harmonies

Analogous

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



29A2BD



539CCC



8393CC

Triad

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



539CCC



CE7F88



7A9F6B

Complementary

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



539CCC



CC8353

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.



9A985C



539CCC



C8846D

Square

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



539CCC



C480A5



B58E5D



56A385

Rectangle

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



539CCC



9E8CC4



B58E5D



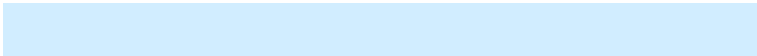
859D64

Sweetspot

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



539CCC



D1EDFF



53CC81



637480



000000



808080

Same Dimension

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



539CCC



4AB7FF



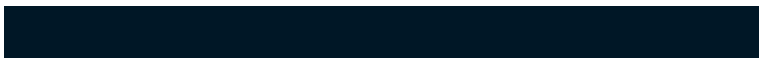
5361CC



5C6266



0064A6



001726

Inverse Universe

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



CC539C



FF4AB7



CCBE53



665C62



A60064



260017

Previews

White Background



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

Color Contrast Check

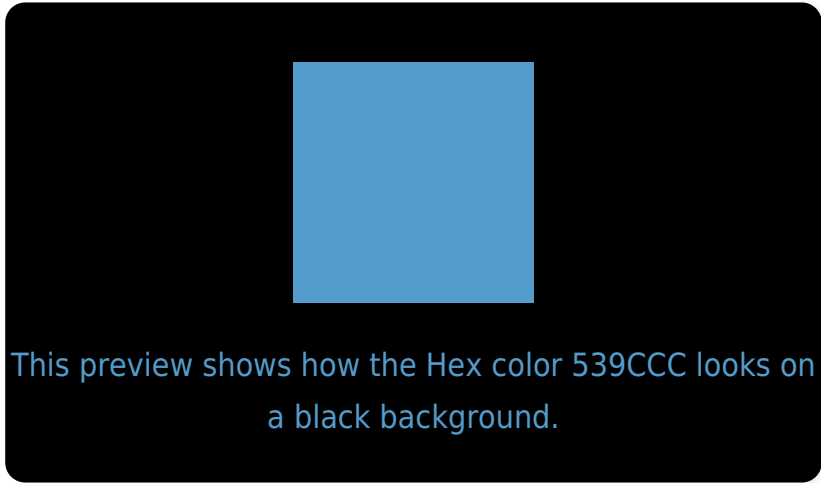
Large Text (above 18pt) WCAG AA ✓ Pass

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

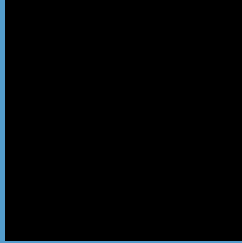
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

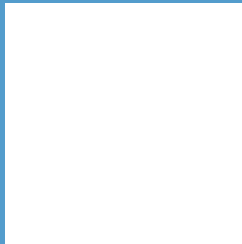
Any Text WCAG AAA ✓ Pass

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

Hex 539CCC Background



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

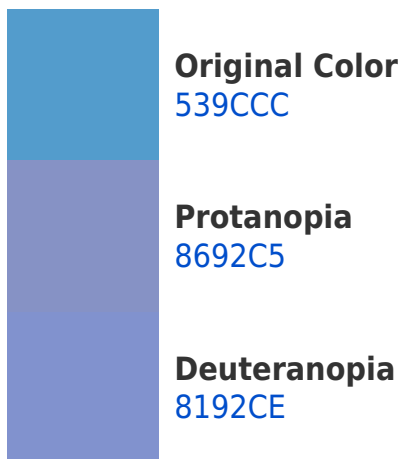


This preview shows how white text looks on a background with the Hex color 539CCC.

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](#).

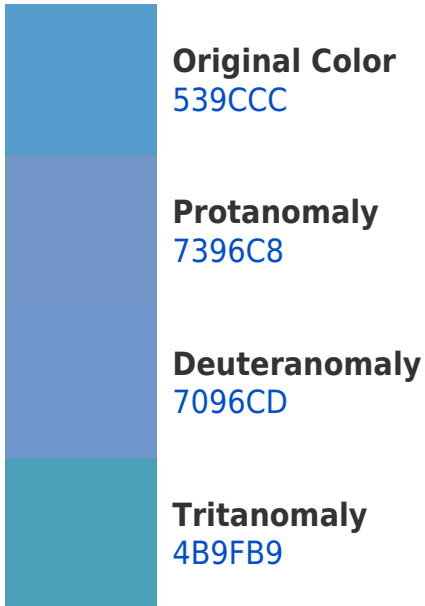
Dichromacy



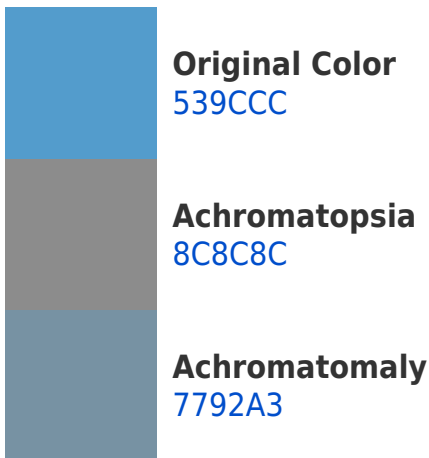


Tritanopia
46A1AE

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #539CCC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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