

# Converting Colors

Hex(539DCE)

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

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**Color**

**Hex(539DCE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	539DCE
RGB	83, 157, 206
RGB Percent	33%, 62%, 81%
CMY	0.6745, 0.3843, 0.1922
CMYK	0.60, 0.24, 0.00, 0.19
HSL	204°, 56%, 57%
HSV	204°, 60%, 81%
XYZ	26.7648, 30.4092, 62.8514
YIQ	140.4600, -59.8330, -0.4490

# Conversions

## Conversions Part 2

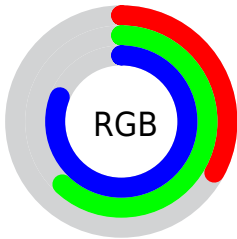
Format	Color
R <sub>Y</sub> B	83, 129, 206
Decimal	5479886
CIE Lab	62.01, -8.50, -32.03
CIE LCh	62, 33.143, 255.132
Yxy	30.4092, 0.2230, 0.2534
Android (android.graphics.Color)	4283669966 (0xFF539DCE)
YUV	140.4600, 32.3112, -50.3924
Hunter-Lab	55.1445, -9.8665, -28.9751

# Details

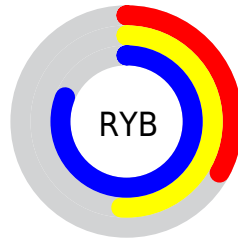
The Hex color **539DCE** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **CE8453**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **8ED3FF**, and **006A97** is the 20% darker color. If you saturate the color by 10%, you get **3E95CE**, and if you desaturate by 10%, it is **68A5CE**.

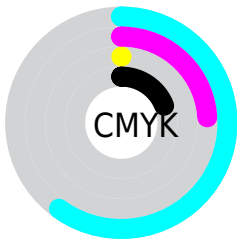
# Distribution



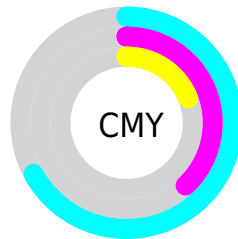
- Red (33%)
- Green (62%)
- Blue (81%)



- Red (33%)
- Yellow (51%)
- Blue (81%)



- Cyan (60%)
- Magenta (24%)
- Yellow (0%)
- Black (19%)



- Cyan (67%)
- Magenta (38%)
- Yellow (19%)

# Brightness & Saturation Gradients

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



 539DCE

 539DCE

FFFFFF

 3383B2

 8ED3FF

 006A97

 ABF0FF

 00527D

 C8FFFF

 003B64

 E6FFFF

 00254C

 001135

 00021F

 000002

 000000

■ 539DCE

■ 539DCE

■ 3E95CE

■ 68A5CE

■ 2A8DCE

■ 7CADCE

■ 1584CE

■ 91B6CE

■ 017CCE

■ A5BECE

■ 007CCE

■ BAC6CE

■ CFCECE

■ E3D6CE

■ F8DFCE

■ FFE7CE

# Harmonies

## Analogous

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



26A3BF



539DCE



8494CE

# Triad

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



539DCE



D07F88



7AA06B

# Complementary

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



539DCE



CE8453

# 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.



9B995C



539DCE



C9856E

# Square

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



539DCE



C681A6



B68F5D



55A586

# Rectangle

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



539DCE



A08CC6



B68F5D



859E65

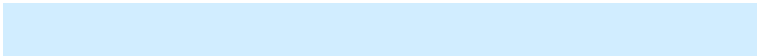


# Sweetspot

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



539DCE



D1EDFF



53CE82



637480



000000



808080



# Same Dimension

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



539DCE



47B6FF



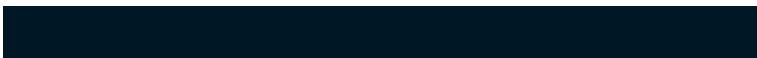
5361CE



5C6266



0064A6



001726



# Inverse Universe

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



CE539D



FF47B6



CEC053



665C62



A60064



260017



# Previews

## White Background



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

## Color Contrast Check

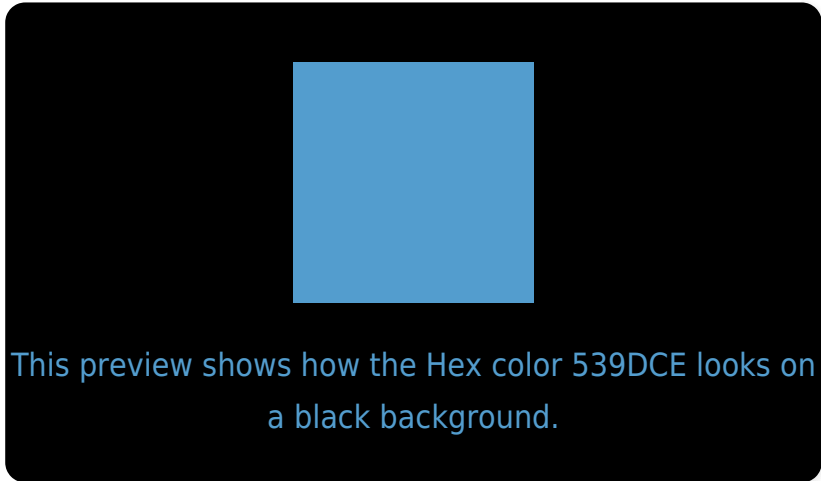
Large Text (above 18pt) WCAG AA × Fail

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

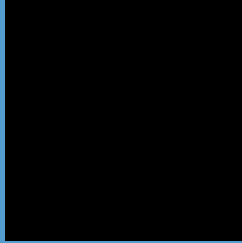
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

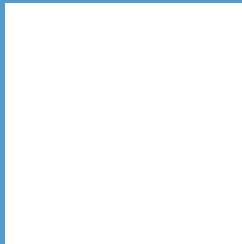
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 539DCE Background



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

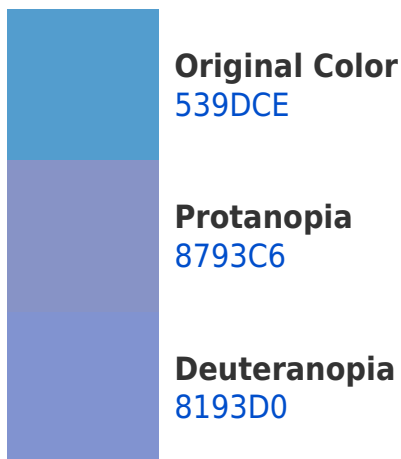


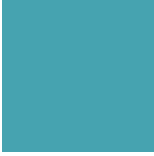
This preview shows how white text looks on a background with the Hex color 539DCE.

# 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](#).

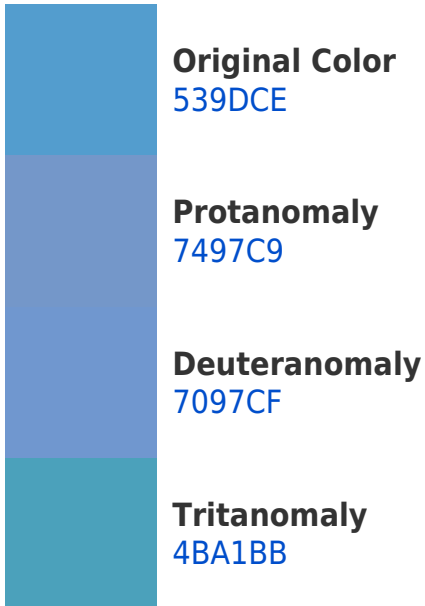
## Dichromacy



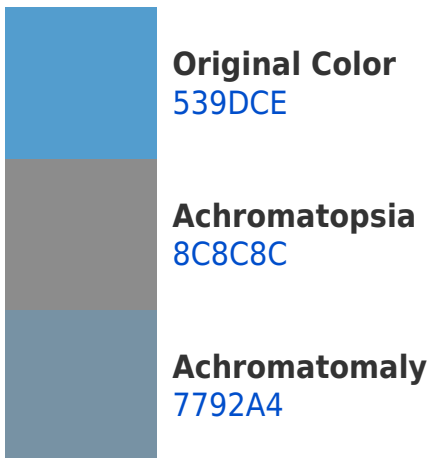


**Tritanopia**  
46A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #539DCE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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