

# Converting Colors

Hex(639CCF)

Have a look what the booklet for  
Hex(639CCF) contains.

<b>Hex(639CCF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(639CCF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	639CCF
RGB	99, 156, 207
RGB Percent	39%, 61%, 81%
CMY	0.6118, 0.3882, 0.1882
CMYK	0.52, 0.25, 0.00, 0.19
HSL	208°, 53%, 60%
HSV	208°, 52%, 81%
XYZ	28.2965, 30.9346, 63.5111
YIQ	144.7710, -50.3430, 3.7770

# Conversions

## Conversions Part 2

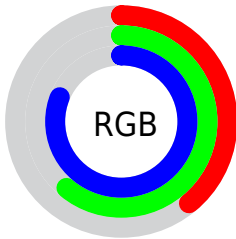
Format	Color
R <sub>Y</sub> B	99, 136, 207
Decimal	6528207
CIE Lab	62.45, -4.29, -31.84
CIE LCh	62, 32.132, 262.321
Yxy	30.9346, 0.2305, 0.2520
Android (android.graphics.Color)	4284718287 (0xFF639CCF)
YUV	144.7710, 30.6789, -40.1412
Hunter-Lab	55.6189, -6.5197, -28.7699

# Details

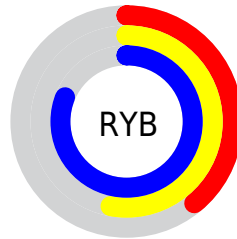
The Hex color **639CCF** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CF9663**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **9CD2FF**, and **266998** is the 20% darker color. If you saturate the color by 10%, you get **4E92CF**, and if you desaturate by 10%, it is **78A6CF**.

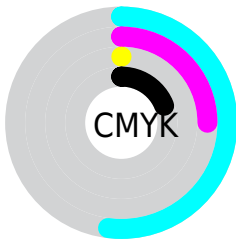
# Distribution



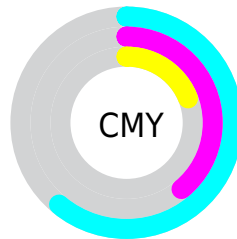
- Red (39%)
- Green (61%)
- Blue (81%)



- Red (39%)
- Yellow (53%)
- Blue (81%)



- Cyan (52%)
- Magenta (25%)
- Yellow (0%)
- Black (19%)



- Cyan (61%)
- Magenta (39%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 639CCF 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 639CCF by changing the saturation by 10% instead.



■ 639CCF

■ 639CCF

FFFFFF

■ 4682B3

■ 9CD2FF

■ 266998

■ B8EFFF

■ 00517E

■ D5FFFF

■ 003A65

■ F3FFFF

■ 00254D

■ 001036

■ 000220

■ 000004

■ 000000

■ 639CCF

■ 639CCF

■ 4E92CF

■ 78A6CF

■ 3A88CF

■ 8CB0CF

■ 257FCF

■ A1B9CF

■ 1075CF

■ B6C3CF

■ 006DCF

■ CBCDCF

■ DFD7CF

■ F4E0CF

■ FFEACF

■ FFF4CF

# Harmonies

## Analogous

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



38A3C3



639CCF



9092CC

# Triad

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



639CCF



CF8283



74A273

# Complementary

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



639CCF



CF9663

# 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.



949C61



639CCF



C6896B

# Square

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



639CCF



CA82A0



B1935E



50A68E

# Rectangle

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



639CCF



A98BC1



B1935E



7FA16C

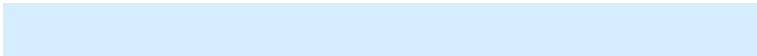


# Sweetspot

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



639CCF



D6ECFF



63CF95



677480



000000



808080



# Same Dimension

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



639CCF



5EB3FF



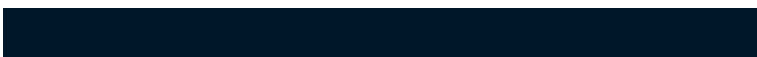
6367CF



5E6469



0059A8



001629



# Inverse Universe

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



CF639C



FF5EB3



CFCB63



695E64



A80059



290016



# Previews

## White Background



This preview shows how the Hex color 639CCF looks on a white background.

## Color Contrast Check

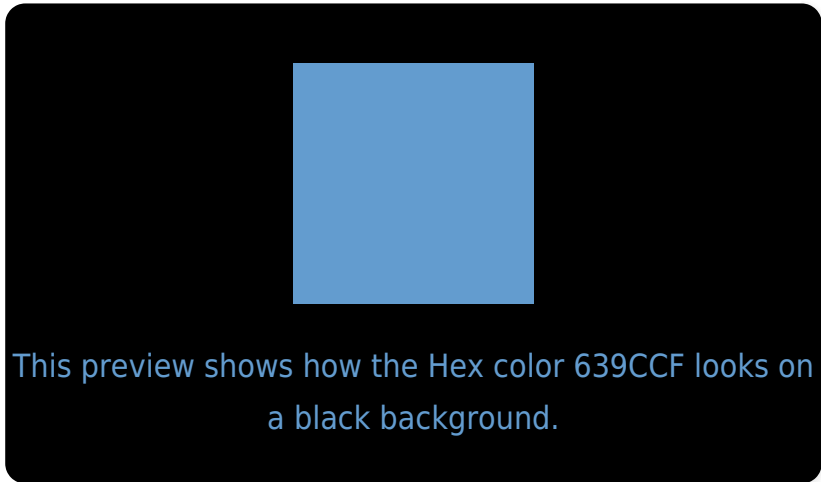
Large Text (above 18pt) WCAG AA × Fail

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

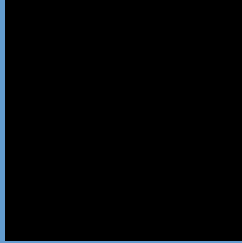
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 639CCF Background



This preview shows how black text looks on a background with the Hex color 639CCF.

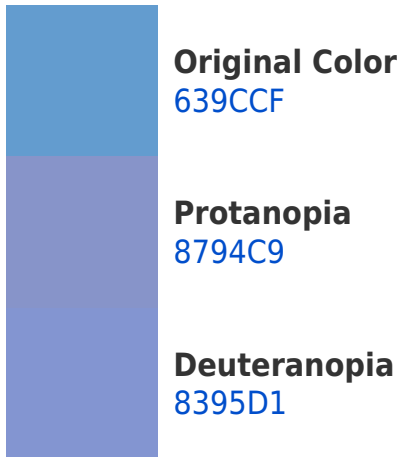


This preview shows how white text looks on a background with the Hex color 639CCF.

# 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](#).

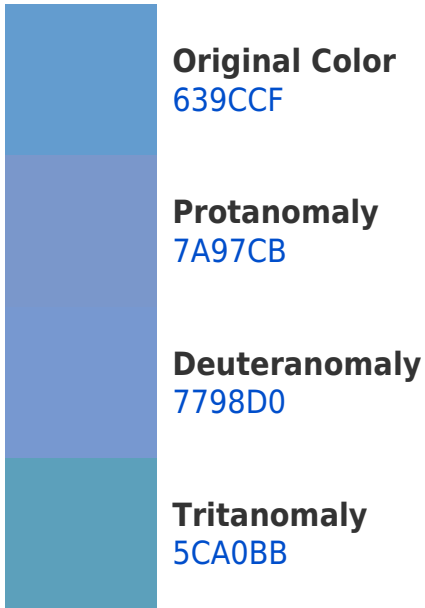
## Dichromacy



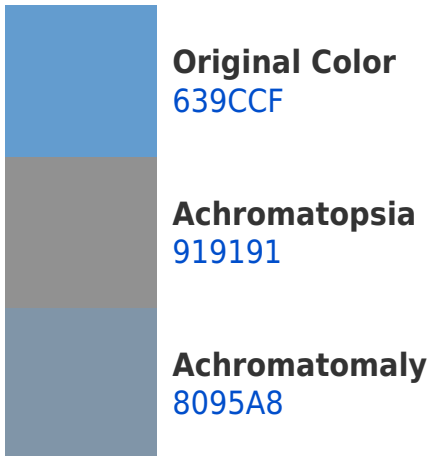


**Tritanopia**  
58A2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 639CCF 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 #639CCF looks like.

```
.text, #text, p{  
    color:#639CCF  
}
```

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 #639CCF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #639CCF
}
```

## Border

The CSS property to change the border of an element to Hex 639CCF 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
#639CCF }
```

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

```
.border{ border-color:#639CCF }
```

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

Here you see how a box with a 4 pixel #639CCF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #639CCF; -webkit-box-shadow:4px 4px  
4px 4px #639CCF; box-shadow:4px 4px 4px  
4px #639CCF }
```

# Background

The CSS property to change the background color of an element to Hex 639CCF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#639CCF }
```

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

```
.background{ background-color:#639CCF }
```

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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