

Converting Colors

Hex(639CAC)

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

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Color

Hex(639CAC)

Conversions

Conversions Part 1

Format	Color
Hex	639CAC
RGB	99, 156, 172
RGB Percent	39%, 61%, 67%
CMY	0.6118, 0.3882, 0.3255
CMYK	0.42, 0.09, 0.00, 0.33
HSL	193°, 31%, 53%
HSV	193°, 42%, 67%
XYZ	24.4805, 29.4081, 43.4158
YIQ	140.7810, -39.1080, -7.1080

Conversions

Conversions Part 2

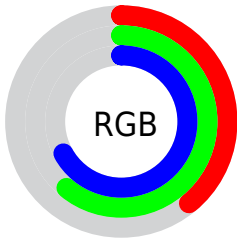
Format	Color
R_{YB}	99, 131, 172
Decimal	6528172
CIE _{Lab}	61.14, -14.38, -14.21
CIE _{LCh}	61, 20.211, 224.658
Yxy	29.4081, 0.2516, 0.3022
Android (android.graphics.Color)	4284718252 (0xFF639CAC)
YUV	140.7810, 15.3910, -36.6419
Hunter-Lab	54.2293, -14.3219, -9.5069

Details

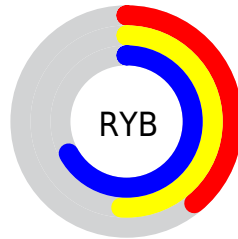
The Hex color **639CAC** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AC7363**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **99D3E3**, and **2D6978** is the 20% darker color. If you saturate the color by 10%, you get **5298AC**, and if you desaturate by 10%, it is **74A0AC**.

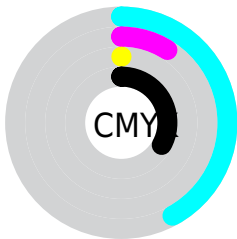
Distribution



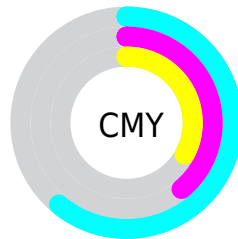
- Red (39%)
- Green (61%)
- Blue (67%)



- Red (39%)
- Yellow (51%)
- Blue (67%)



- Cyan (42%)
- Magenta (9%)
- Yellow (0%)
- Black (33%)



- Cyan (61%)
- Magenta (39%)
- Yellow (33%)

Brightness & Saturation Gradients

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

■ 639CAC

■ 639CAC

FFFFFF

■ 488291

■ 99D3E3

■ 2D6978

■ B5EFFF

■ 0C505F

■ D1FFFF

■ 003947

■ EEEFFF

■ 002431

■ 00091C

■ 000000

■ 639CAC

■ 639CAC

■ 5298AC

■ 74A0AC

4194AC

85A4AC

2F91AC

97A7AC

1E8DAC

A8ABAC

0D89AC

B9AFAC

0086AC

CAB3AC

DBB6AC

EDBAAC

FEBEAC

Harmonies

Analogous

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



639E9C



639CAC



7398B6

Triad

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



639CAC



B2889D



989571

Complementary

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



639CAC



AC7363

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.



A98F72



639CAC



B8878B

Square

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



639CAC



A18CAD



B58A7B



849A7A

Rectangle

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



639CAC



8294B7



B58A7B



9E9370

Sweetspot

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



639CAC



C3DAE0



63AC73



5E6C70



F0F0F0



707070

Same Dimension

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



639CAC



6EC7E0



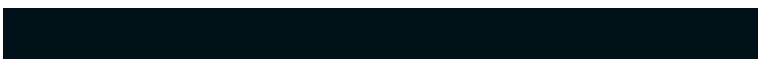
6378AC



4E5557



007596



001217

Inverse Universe

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



AC639C



E06EC7



AC9763



574E55



960075



170012

Previews

White Background



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

Color Contrast Check

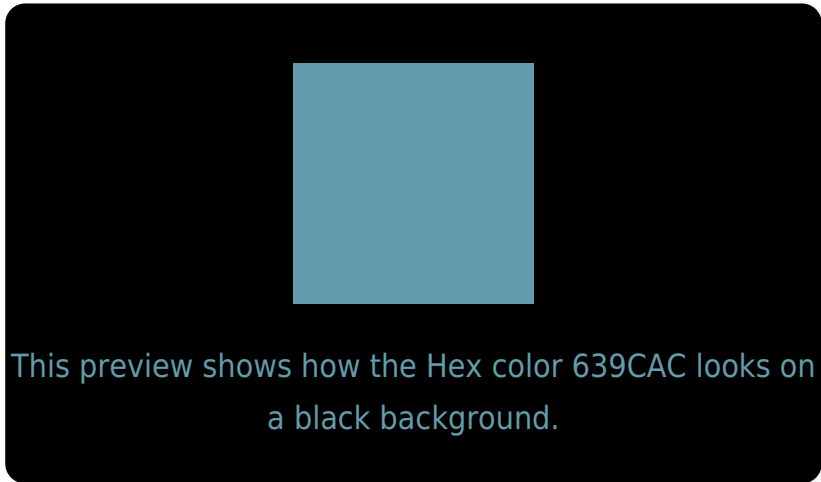
Large Text (above 18pt) WCAG AA ✓ Pass

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

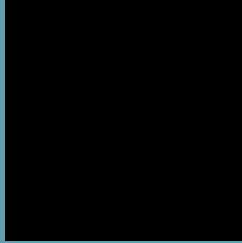
Any Text WCAG AA ✓ Pass

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 639CAC Background



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

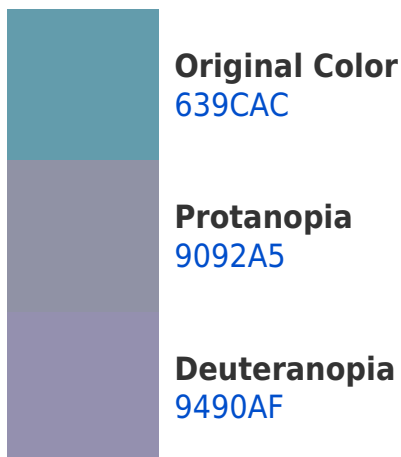


This preview shows how white text looks on a background with the Hex color 639CAC.

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](#).

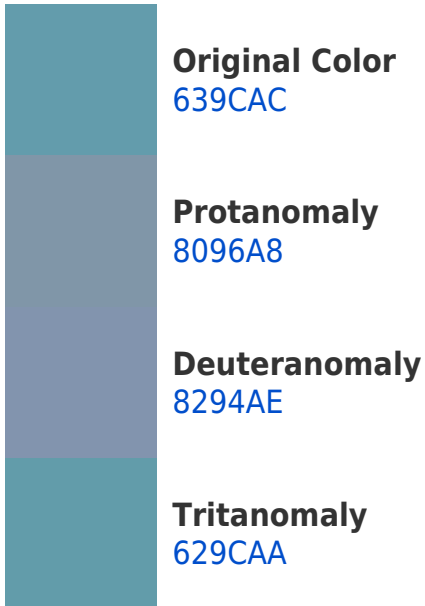
Dichromacy



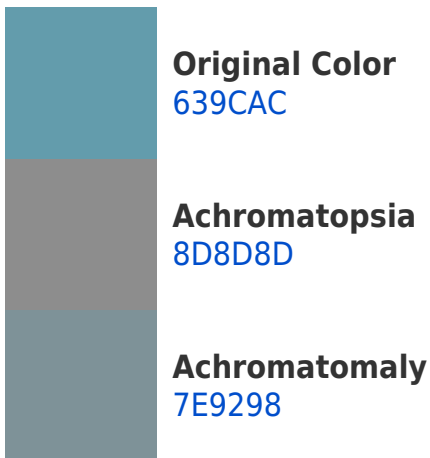


Tritanopia
629CA9

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #639CAC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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