

Converting Colors

Hex(639CB8)

Have a look what the booklet for
Hex(639CB8) contains.

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Color

Hex(639CB8)

Conversions

Conversions Part 1

Format	Color
Hex	639CB8
RGB	99, 156, 184
RGB Percent	39%, 61%, 72%
CMY	0.6118, 0.3882, 0.2784
CMYK	0.46, 0.15, 0.00, 0.28
HSL	200°, 37%, 55%
HSV	200°, 46%, 72%
XYZ	25.6858, 29.8903, 49.7630
YIQ	142.1490, -42.9600, -3.3760

Conversions

Conversions Part 2

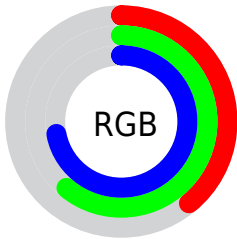
Format	Color
R_{YB}	99, 133, 184
Decimal	6528184
CIE _{Lab}	61.56, -11.05, -20.33
CIE _{LCh}	62, 23.140, 241.487
Yxy	29.8903, 0.2438, 0.2838
Android (android.graphics.Color)	4284718264 (0xFF639CB8)
YUV	142.1490, 20.6325, -37.8417
Hunter-Lab	54.6720, -11.8138, -15.6960

Details

The Hex color **639CB8** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B87F63**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **9AD3F0**, and **2B6983** is the 20% darker color. If you saturate the color by 10%, you get **5196B8**, and if you desaturate by 10%, it is **75A2B8**.

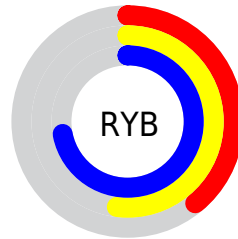
Distribution



Red (39%)

Green (61%)

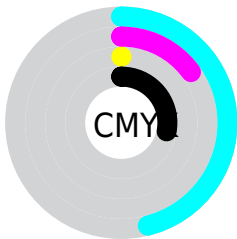
Blue (72%)



Red (39%)

Yellow (52%)

Blue (72%)

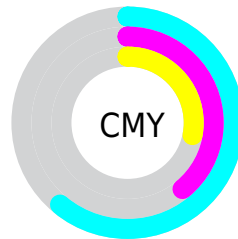


Cyan (46%)

Magenta (15%)

Yellow (0%)

Black (28%)



Cyan (61%)

Magenta (39%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 639CB8 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 639CB8 by changing the saturation by 10% instead.

639CB8

639CB8

FFFFFF

48829D

9AD3F0

2B6983

B6EFFF

04516A

D3FFFF

003A51

F0FFFF

00243A

000D25

00010E

000000

639CB8

639CB8

■ 5196B8

■ 75A2B8

■ 3E90B8

■ 88A8B8

■ 2C8AB8

■ 9AAEB8

■ 1984B8

■ ADB4B8

■ 077EB8

■ BFBAB8

■ 007BB8

■ D1C0B8

■ E4C6B8

■ F6CCB8

■ FFD3B8

Harmonies

Analogous

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



589FA9



639CB8



7D96BD

Triad

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



639CB8



BC8694



8D9A71

Complementary

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



639CB8



B87F63

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.



A3946C



639CB8



BD8780

Square

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



639CB8



B089A9



B48D71



759E81

Rectangle

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



639CB8



9091BB



B48D71



94986E

Sweetspot

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



639CB8



CEE5F0



63B87E



637178



F7F7F7



787878

Same Dimension

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



639CB8



6CC4F0



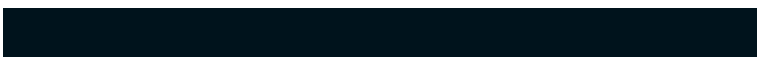
6373B8



53595C



00689C



00131C

Inverse Universe

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



B8639C



F06CC4



B8A863



5C5359



9C0068



1C0013

Previews

White Background



This preview shows how the Hex color 639CB8 looks on a white background.

Color Contrast Check

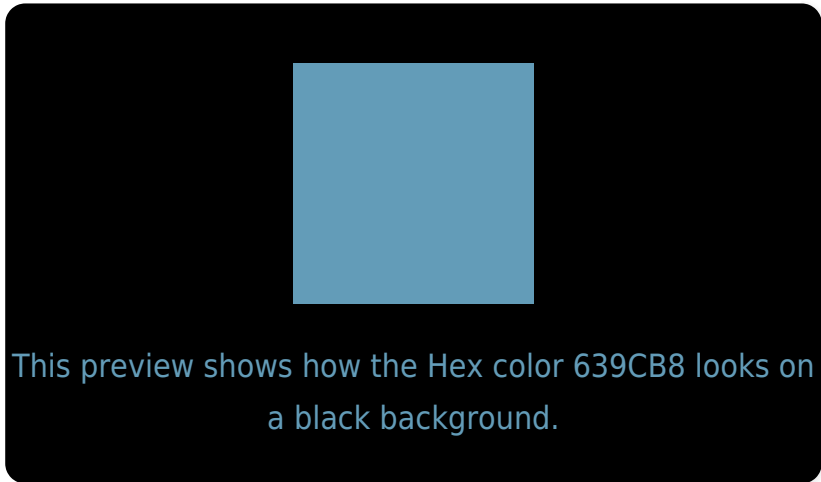
Large Text (above 18pt) WCAG AA ✓ Pass

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

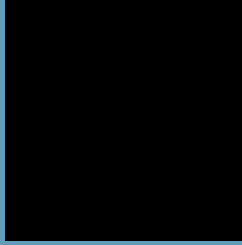
Any Text WCAG AA ✓ Pass

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 639CB8 Background



This preview shows how black text looks on a background with the Hex color 639CB8.

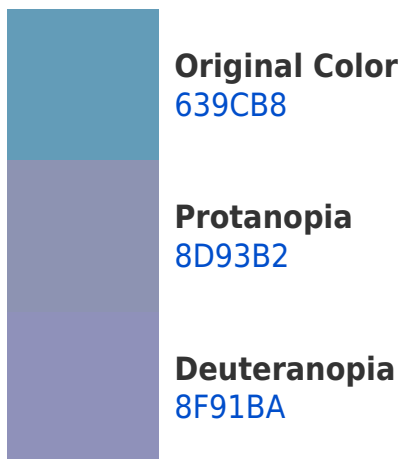


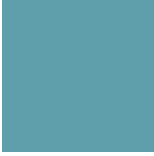
This preview shows how white text looks on a background with the Hex color 639CB8.

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](#).

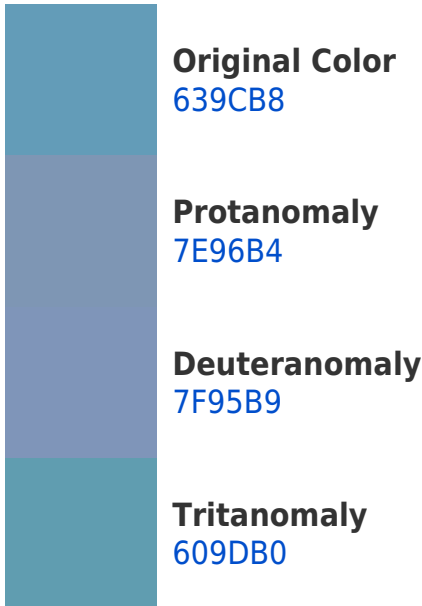
Dichromacy



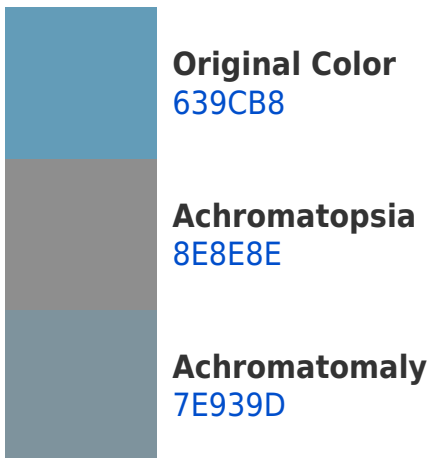


Tritanopia
5F9EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 639CB8 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 #639CB8 looks like.

```
.text, #text, p{  
    color:#639CB8  
}
```

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 #639CB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #639CB8
}
```

Border

The CSS property to change the border of an element to Hex 639CB8 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
#639CB8 }
```

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

```
.border{ border-color:#639CB8 }
```

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

Here you see how a box with a 4 pixel #639CB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #639CB8; -webkit-box-shadow:4px 4px  
4px 4px #639CB8; box-shadow:4px 4px 4px  
4px #639CB8 }
```

Background

The CSS property to change the background color of an element to Hex 639CB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#639CB8 }
```

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

```
.background{ background-color:#639CB8 }
```

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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