

Converting Colors

Hex(639BDC)

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

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Color

Hex(639BDC)

Conversions

Conversions Part 1

Format	Color
Hex	639BDC
RGB	99, 155, 220
RGB Percent	39%, 61%, 86%
CMY	0.6118, 0.3922, 0.1373
CMYK	0.55, 0.30, 0.00, 0.14
HSL	212°, 63%, 63%
HSV	212°, 55%, 86%
XYZ	29.7852, 31.2626, 72.1746
YIQ	145.6660, -54.2410, 8.3430

Conversions

Conversions Part 2

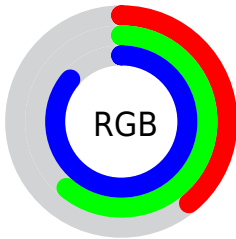
Format	Color
R _Y B	99, 137, 220
Decimal	6527964
CIE Lab	62.73, 0.27, -38.64
CIE LCh	63, 38.645, 270.400
Yxy	31.2626, 0.2236, 0.2347
Android (android.graphics.Color)	4284718044 (0xFF639BDC)
YUV	145.6660, 36.6467, -40.9261
Hunter-Lab	55.9130, -2.7597, -37.3946

Details

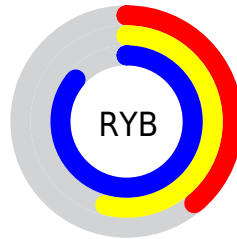
The Hex color **639BDC** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DCA463**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **9DD1FF**, and **2268A5** is the 20% darker color. If you saturate the color by 10%, you get **4D8FDC**, and if you desaturate by 10%, it is **79A7DC**.

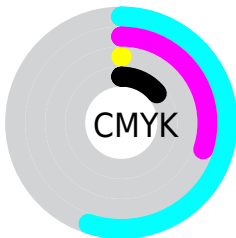
Distribution



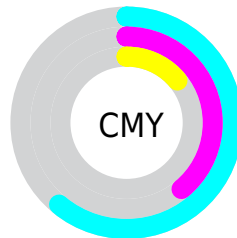
- Red (39%)
- Green (61%)
- Blue (86%)



- Red (39%)
- Yellow (54%)
- Blue (86%)



- Cyan (55%)
- Magenta (30%)
- Yellow (0%)
- Black (14%)



- Cyan (61%)
- Magenta (39%)
- Yellow (14%)

Brightness & Saturation Gradients

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

■ 639BDC

■ 639BDC

FFFFFF

■ 4581C0

■ 9DD1FF

■ 2268A5

■ BAEDFF

■ 00508A

■ D7FFFF

■ 003A70

■ F5FFFF

■ 002557

■ 000F40

■ 000329

■ 000113

■ 000000

■ 639BDC

■ 639BDC

■ 4D8FDC

■ 79A7DC

■ 3783DC

■ 8FB3DC

■ 2178DC

■ A5BEDC

■ 0B6CDC

■ BBCADC

■ 0066DC

■ D1D6DC

■ E7E2DC

■ FDEEDC

■ FFFADC

■ FFFFDC

Harmonies

Analogous

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



00A4D3



639BDC



9C8FD3

Triad

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



639BDC



D87F77



60A775

Complementary

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



639BDC



DCA463

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.



8AA05B



639BDC



C98A5D

Square

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



639BDC



D77C99



AD9652



25AA97

Rectangle

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



639BDC



B886C4



AD9652



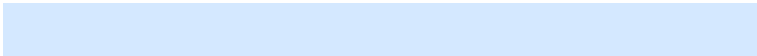
6EA56B

Sweetspot

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



639BDC



D4E8FF



63DCA4



667280



000000



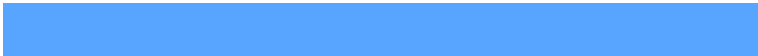
808080

Same Dimension

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



639BDC



57A5FF



6763DC



63686E



0050AD



00152E

Inverse Universe

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



DC639B



FF57A5



D8DC63



6E6368



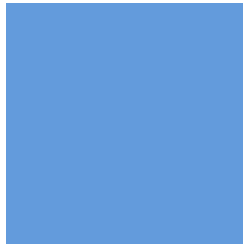
AD0050



2E0015

Previews

White Background



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

Color Contrast Check

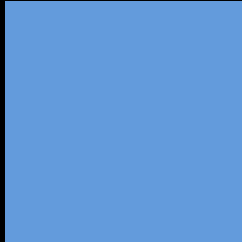
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 639BDC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

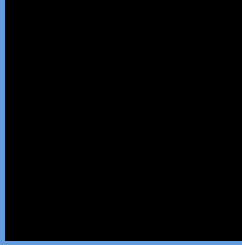
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

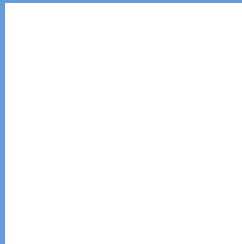
Any Text WCAG AAA ✓ Pass

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

Hex 639BDC Background



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

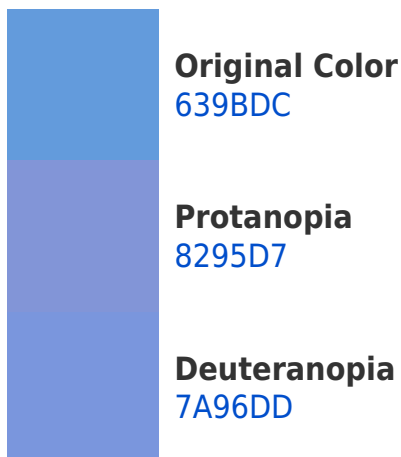


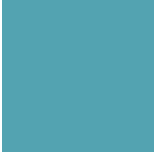
This preview shows how white text looks on a background with the Hex color 639BDC.

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](#).

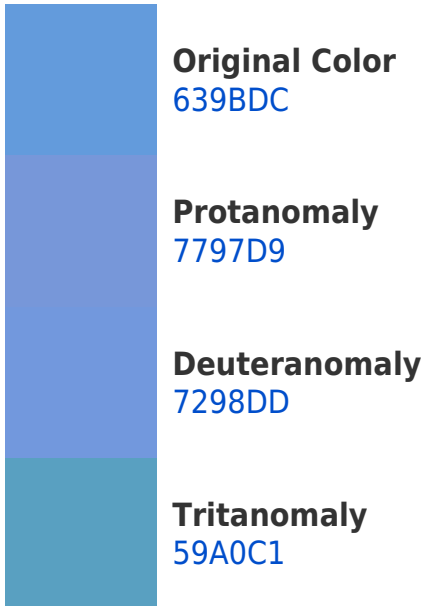
Dichromacy



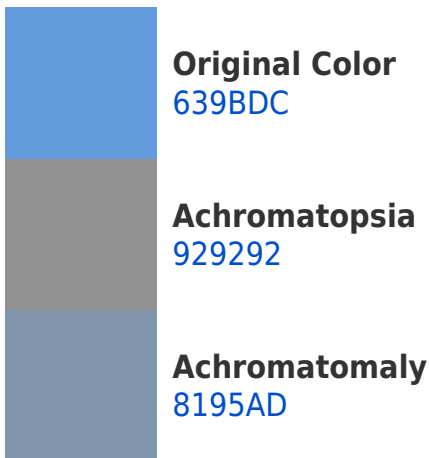


Tritanopia
53A3B1

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #639BDC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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