

Converting Colors

Hex(638FA9)

Have a look what the booklet for
Hex(638FA9) contains.

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Color

Hex(638FA9)

Conversions

Conversions Part 1

Format	Color
Hex	638FA9
RGB	99, 143, 169
RGB Percent	39%, 56%, 66%
CMY	0.6118, 0.4392, 0.3373
CMYK	0.41, 0.15, 0.00, 0.34
HSL	202°, 29%, 53%
HSV	202°, 41%, 66%
XYZ	22.1295, 25.1621, 41.2265
YIQ	132.8080, -34.5700, -1.2420

Conversions

Conversions Part 2

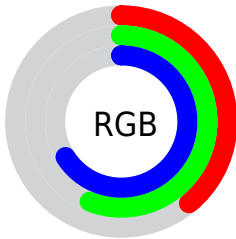
Format	Color
R _Y B	99, 126, 169
Decimal	6524841
CIE Lab	57.23, -8.06, -18.43
CIE LCh	57, 20.112, 246.364
Yxy	25.1621, 0.2500, 0.2843
Android (android.graphics.Color)	4284714921 (0xFF638FA9)
YUV	132.8080, 17.8427, -29.6496
Hunter-Lab	50.1619, -9.0360, -13.6154

Details

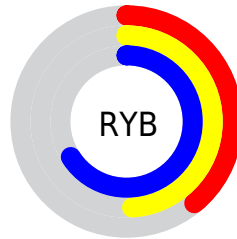
The Hex color **638FA9** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **A97D63**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **99C5E0**, and **2F5D75** is the 20% darker color. If you saturate the color by 10%, you get **5289A9**, and if you desaturate by 10%, it is **7495A9**.

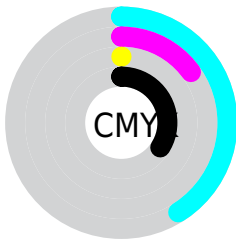
Distribution



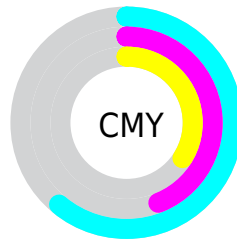
- Red (39%)
- Green (56%)
- Blue (66%)



- Red (39%)
- Yellow (49%)
- Blue (66%)



- Cyan (41%)
- Magenta (15%)
- Yellow (0%)
- Black (34%)



- Cyan (61%)
- Magenta (44%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 638FA9 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 638FA9 by changing the saturation by 10% instead.

■ 638FA9

■ 638FA9

FFFFFF

■ 49758F

■ 99C5E0

■ 2F5D75

■ B4E1FD

■ 11455C

■ D0FDFF

■ 002F45

■ EDFFFF

■ 001B2E

■ 00011A

■ 000000

■ 638FA9

■ 638FA9

■ 5289A9

■ 7495A9

■ 4182A9

■ 859CA9

■ 307CA9

■ 96A2A9

■ 1F76A9

■ A7A8A9

■ 0E70A9

■ B7AEA9

■ 006AA9

■ C8B5A9

■ D9BBA9

■ EAC1A9

■ FBC7A9

Harmonies

Analogous

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



57929E



638FA9



798AAC

Triad

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



638FA9



AD7D86



7F8F6D

Complementary

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



638FA9



A97D63

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.



938967



638FA9



AC7F75

Square

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



638FA9



A37F98



A3846A



6B927B

Rectangle

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



638FA9



8986A9



A3846A



868D6A

Sweetspot

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



638FA9



C1D2DB



63A97D



5E686E



EDEDED



6E6E6E

Same Dimension

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



638FA9



6EB3DB



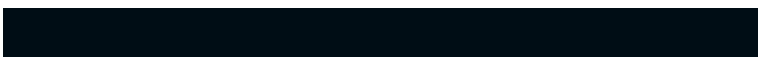
636CA9



4C5154



005D94



000D14

Inverse Universe

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



A9638F



DB6EB3



A9A063



544C51



94005D



14000D

Previews

White Background



This preview shows how the Hex color 638FA9 looks on a white background.

Color Contrast Check

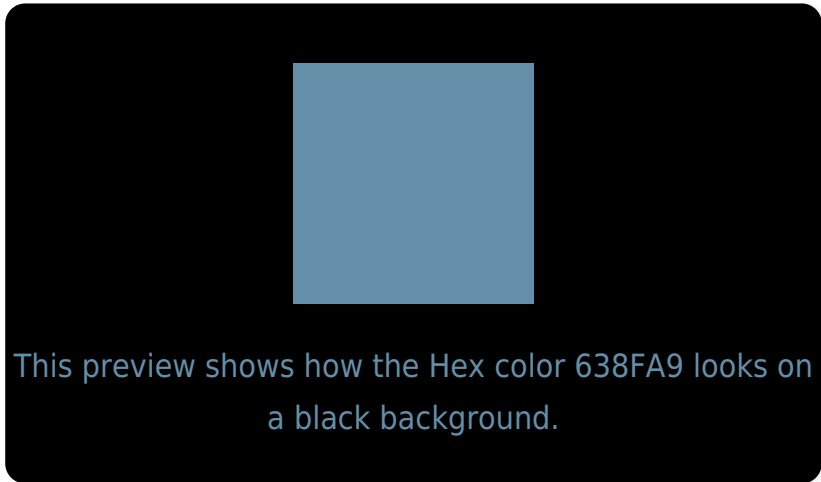
Large Text (above 18pt) WCAG AA ✓ Pass

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

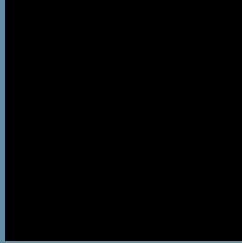
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

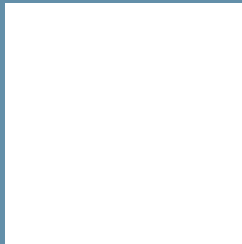
Any Text WCAG AAA × Fail

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

Hex 638FA9 Background



This preview shows how black text looks on a background with the Hex color 638FA9.

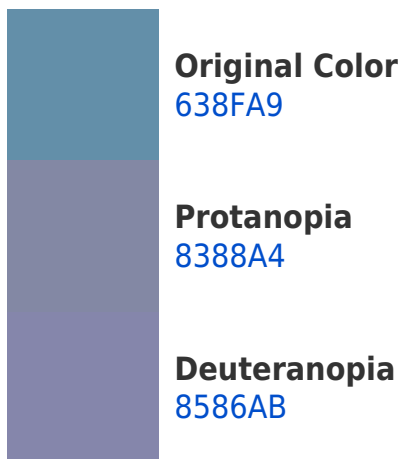



This preview shows how white text looks on a background with the Hex color 638FA9.

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](#).

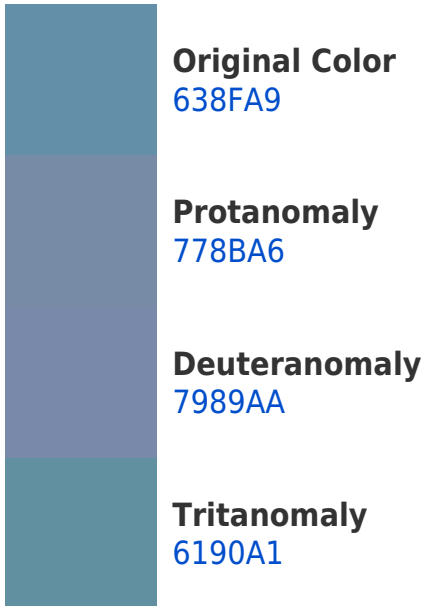
Dichromacy





Tritanopia
60919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 638FA9 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 #638FA9 looks like.

```
.text, #text, p{  
    color:#638FA9  
}
```

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 #638FA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #638FA9
}
```

Border

The CSS property to change the border of an element to Hex 638FA9 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
#638FA9 }
```

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

```
.border{ border-color:#638FA9 }
```

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

Here you see how a box with a 4 pixel #638FA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #638FA9; -webkit-box-shadow:4px 4px  
4px 4px #638FA9; box-shadow:4px 4px 4px  
4px #638FA9 }
```

Background

The CSS property to change the background color of an element to Hex 638FA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#638FA9 }
```

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

```
.background{ background-color:#638FA9 }
```

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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