

# Converting Colors

Hex(638B9B)

Have a look what the booklet for  
Hex(638B9B) contains.

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# Color

**Hex(638B9B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	638B9B
RGB	99, 139, 155
RGB Percent	39%, 55%, 61%
CMY	0.6118, 0.4549, 0.3922
CMYK	0.36, 0.10, 0.00, 0.39
HSL	197°, 22%, 50%
HSV	197°, 36%, 61%
XYZ	20.2946, 23.4844, 34.4737
YIQ	128.8640, -28.9760, -3.5040

# Conversions

## Conversions Part 2

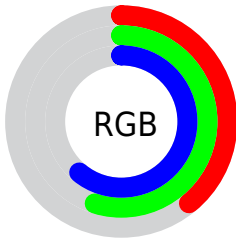
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 122, 155
Decimal	6523803
CIELab	55.57, -9.63, -12.92
CIElCh	56, 16.117, 233.291
Yxy	23.4844, 0.2593, 0.3001
Android (android.graphics.Color)	4284713883 (0xFF638B9B)
YUV	128.8640, 12.8850, -26.1907
Hunter-Lab	48.4608, -10.0533, -8.2548

# Details

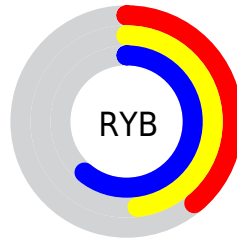
The Hex color **638B9B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9B7363**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **98C1D1**, and **315968** is the 20% darker color. If you saturate the color by 10%, you get **54879B**, and if you desaturate by 10%, it is **738F9B**.

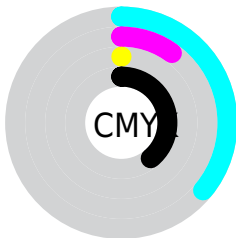
# Distribution



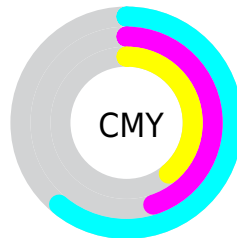
- Red (39%)
- Green (55%)
- Blue (61%)



- Red (39%)
- Yellow (48%)
- Blue (61%)



- Cyan (36%)
- Magenta (10%)
- Yellow (0%)
- Black (39%)



- Cyan (61%)
- Magenta (45%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 638B9B 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 638B9B by changing the saturation by 10% instead.



■ 638B9B

■ 638B9B

FFFFFF

■ 4A7281

■ 98C1D1

■ 315968

■ B3DCEE

■ 164250

■ CFF9FF

■ 002B39

■ ECF9FF

■ 001823

■ 00010D

■ 000000

■ 638B9B

■ 638B9B

■ 54879B

■ 738F9B

44829B

82949B

357E9B

92989B

25799B

A19D9B

16759B

B1A19B

06709B

C0A69B

006F9B

D0AA9B

DFAE9B

EFB39B

# Harmonies

## Analogous

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



5F8D90



638B9B



7187A1

# Triad

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



638B9B



9F7C89



84886B

# Complementary

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



638B9B



9B7363

# 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.



93836A



638B9B



A27C7B

# Square

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



638B9B



947E96



9E7F6F



748B74

# Rectangle

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



638B9B



7D84A0



9E7F6F



89866A



# Sweetspot

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



638B9B



B3C3C9



639B73



596266



E6E6E6



666666



# Same Dimension

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



638B9B



73B1C9



636F9B



454A4D



00648C



00090D



# Inverse Universe

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



9B638B



C973B1



9B8F63



4D454A



8C0064



0D0009



# Previews

## White Background



This preview shows how the Hex color 638B9B looks on a white background.

## Color Contrast Check

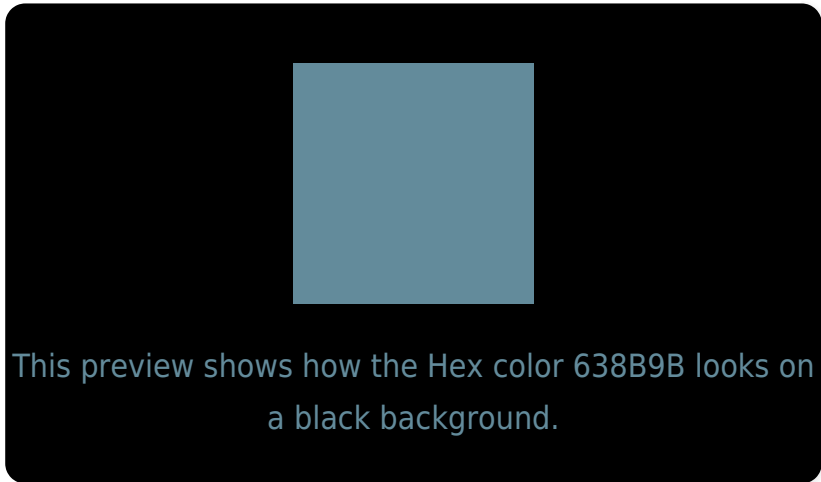
Large Text (above 18pt) WCAG AA ✓ Pass

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

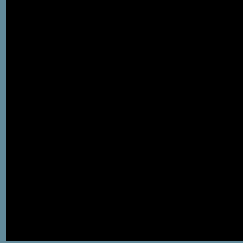
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 638B9B Background



This preview shows how black text looks on a background with the Hex color 638B9B.

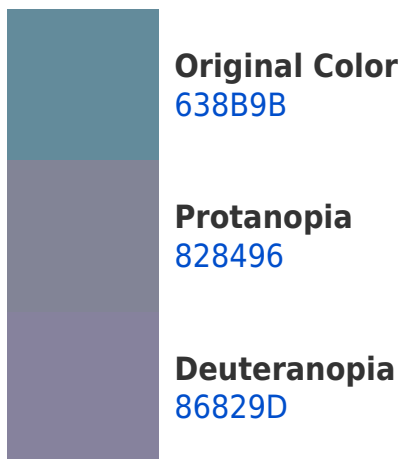


This preview shows how white text looks on a background with the Hex color 638B9B.

# 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**  
628C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 638B9B 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 #638B9B looks like.

```
.text, #text, p{  
    color:#638B9B  
}
```

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 #638B9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #638B9B
}
```

## Border

The CSS property to change the border of an element to Hex 638B9B 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
#638B9B }
```

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

```
.border{ border-color:#638B9B }
```

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

Here you see how a box with a 4 pixel #638B9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #638B9B; -webkit-box-shadow:4px 4px  
4px 4px #638B9B; box-shadow:4px 4px 4px  
4px #638B9B }
```

# Background

The CSS property to change the background color of an element to Hex 638B9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#638B9B }
```

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

```
.background{ background-color:#638B9B }
```

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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