

Converting Colors

Hex(638E9A)

Have a look what the booklet for
Hex(638E9A) contains.

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Color

Hex(638E9A)

Conversions

Conversions Part 1

Format	Color
Hex	638E9A
RGB	99, 142, 154
RGB Percent	39%, 56%, 60%
CMY	0.6118, 0.4431, 0.3961
CMYK	0.36, 0.08, 0.00, 0.40
HSL	193°, 22%, 50%
HSV	193°, 36%, 60%
XYZ	20.6513, 24.3317, 34.1799
YIQ	130.5110, -29.4800, -5.3840

Conversions

Conversions Part 2

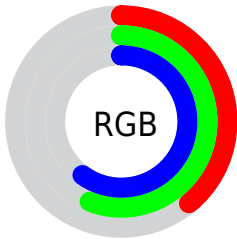
Format	Color
R_{YB}	99, 123, 154
Decimal	6524570
CIE _{Lab}	56.42, -11.56, -11.07
CIE _{LCh}	56, 16.002, 223.751
Y _{xy}	24.3317, 0.2609, 0.3074
Android (android.graphics.Color)	4284714650 (0xFF638E9A)
YUV	130.5110, 11.5801, -27.6351
Hunter-Lab	49.3272, -11.5918, -6.5543

Details

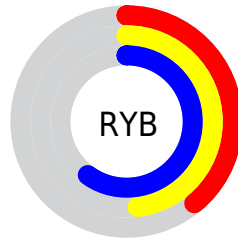
The Hex color **638E9A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9A6F63**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **98C4D0**, and **305C67** is the 20% darker color. If you saturate the color by 10%, you get **548B9A**, and if you desaturate by 10%, it is **72919A**.

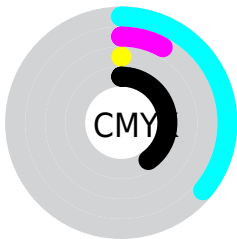
Distribution



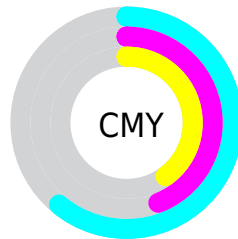
- Red (39%)
- Green (56%)
- Blue (60%)



- Red (39%)
- Yellow (48%)
- Blue (60%)



- Cyan (36%)
- Magenta (8%)
- Yellow (0%)
- Black (40%)



- Cyan (61%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 638E9A 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 638E9A by changing the saturation by 10% instead.



638E9A



638E9A

FFFFFF



4A7480



98C4D0



305C67



B3E0ED



16444F



CFFCFF



002E38



ECFFFF



001A23



00000C



000000



638E9A



638E9A



548B9A



72919A

■ 44879A

■ 82959A

■ 35849A

■ 91989A

■ 25819A

■ A19B9A

■ 167D9A

■ B09F9A

■ 077A9A

■ BFA29A

■ 00789A

■ CFA69A

■ DEA99A

■ EEAC9A

Harmonies

Analogous

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



638F8D



638E9A



6E8BA2

Triad

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



638E9A



9F7E8F



8B886C

Complementary

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



638E9A



9A6F63

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.



99846D



638E9A



A47E81

Square

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



638E9A



92829B



A28075



7B8C73

Rectangle

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



638E9A



7A88A3



A28075



90876C

Sweetspot

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



638E9A



B3C5C9



639A6F



596366



E6E6E6



666666

Same Dimension

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



638E9A



73B7C9



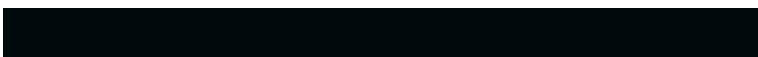
63739A



454B4D



006E8C



000A0D

Inverse Universe

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



9A638E



C973B7



9A8A63



4D454B



8C006E



0D000A

Previews

White Background



This preview shows how the Hex color 638E9A looks on a white background.

Color Contrast Check

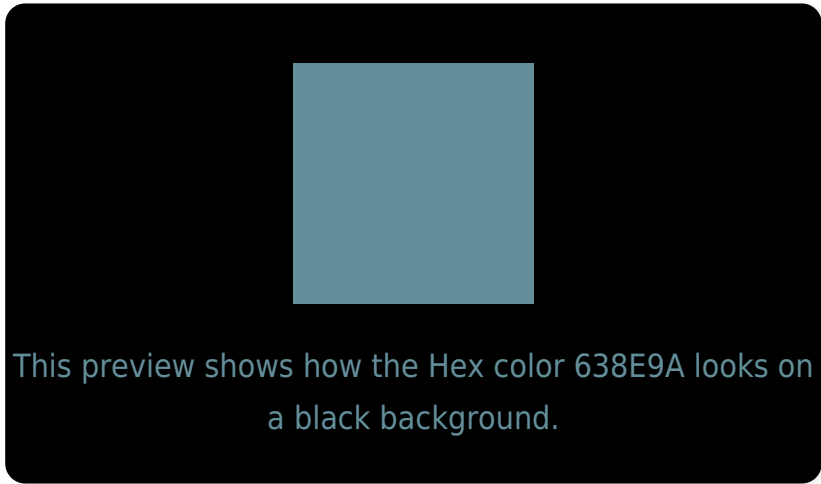
Large Text (above 18pt) WCAG AA ✓ Pass

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

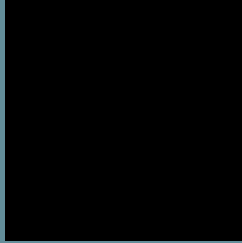
Any Text WCAG AA ✓ Pass

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 638E9A Background



This preview shows how black text looks on a background with the Hex color 638E9A.

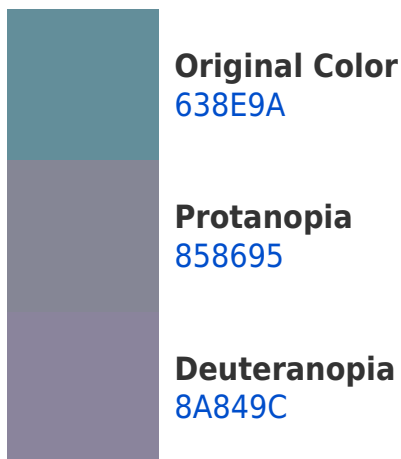


This preview shows how white text looks on a background with the Hex color 638E9A.

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



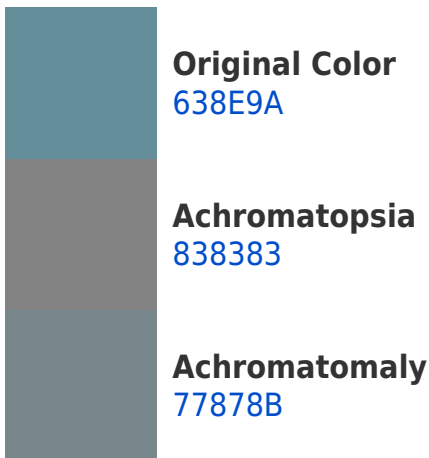


Tritanopia
638E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 638E9A 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 #638E9A looks like.

```
.text, #text, p{  
    color:#638E9A  
}
```

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 #638E9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #638E9A
}
```

Border

The CSS property to change the border of an element to Hex 638E9A 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
#638E9A }
```

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

```
.border{ border-color:#638E9A }
```

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

Here you see how a box with a 4 pixel #638E9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #638E9A; -webkit-box-shadow:4px 4px  
4px 4px #638E9A; box-shadow:4px 4px 4px  
4px #638E9A }
```

Background

The CSS property to change the background color of an element to Hex 638E9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#638E9A }
```

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

```
.background{ background-color:#638E9A }
```

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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