

Converting Colors

Hex(639AA8)

Have a look what the booklet for
Hex(639AA8) contains.

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Color

Hex(639AA8)

Conversions

Conversions Part 1

Format	Color
Hex	639AA8
RGB	99, 154, 168
RGB Percent	39%, 60%, 66%
CMY	0.6118, 0.3961, 0.3412
CMYK	0.41, 0.08, 0.00, 0.34
HSL	192°, 28%, 52%
HSV	192°, 41%, 66%
XYZ	23.7691, 28.5910, 41.3116
YIQ	139.1510, -37.2740, -7.3060

Conversions

Conversions Part 2

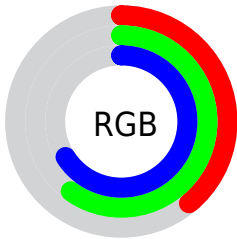
Format	Color
R _Y B	99, 130, 168
Decimal	6527656
CIE Lab	60.42, -14.38, -13.03
CIE LCh	60, 19.406, 222.185
Yxy	28.5910, 0.2537, 0.3052
Android (android.graphics.Color)	4284717736 (0xFF639AA8)
YUV	139.1510, 14.2226, -35.2124
Hunter-Lab	53.4706, -14.2255, -8.3784

Details

The Hex color **639AA8** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A87163**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **99D0DF**, and **2E6774** is the 20% darker color. If you saturate the color by 10%, you get **5297A8**, and if you desaturate by 10%, it is **749DA8**.

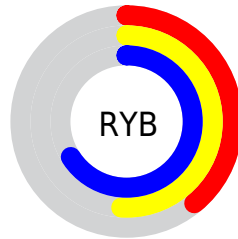
Distribution



Red (39%)

Green (60%)

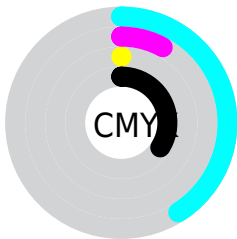
Blue (66%)



Red (39%)

Yellow (51%)

Blue (66%)

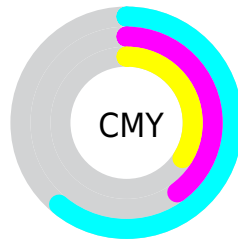


Cyan (41%)

Magenta (8%)

Yellow (0%)

Black (34%)



Cyan (61%)

Magenta (40%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 639AA8 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 639AA8 by changing the saturation by 10% instead.

■ 639AA8

■ 639AA8

FFFFFF

■ 49808E

■ 99D0DF

■ 2E6774

■ B5EDFC

■ 0F4F5B

■ D1FFFF

■ 003844

■ EEEFFF

■ 00222E

■ 00041A

■ 000000

■ 639AA8

■ 639AA8

■ 5297A8

■ 749DA8

4193A8

85A1A8

3190A8

95A4A8

208CA8

A6A8A8

0F89A8

B7ABA8

0086A8

C8AEA8

D9B2A8

E9B5A8

FAB9A8

Harmonies

Analogous

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



649B98



639AA8



7196B2

Triad

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



639AA8



AE879D



979370

Complementary

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



639AA8



A87163

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.



A88D72



639AA8



B5868B

Square

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



639AA8



9D8BAB



B3887B



849878

Rectangle

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



639AA8



7F93B4



B3887B



9D9170

Sweetspot

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



639AA8



C1D6DB



63A871



5E6B6E



EDEDED



6E6E6E

Same Dimension

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



639AA8



70C5DB



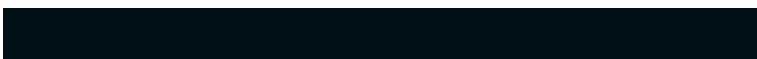
6378A8



4C5254



007694



001014

Inverse Universe

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



A8639A



DB70C5



A89363



544C52



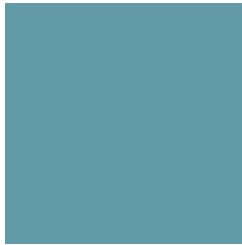
940076



140010

Previews

White Background



This preview shows how the Hex color 639AA8 looks on a white background.

Color Contrast Check

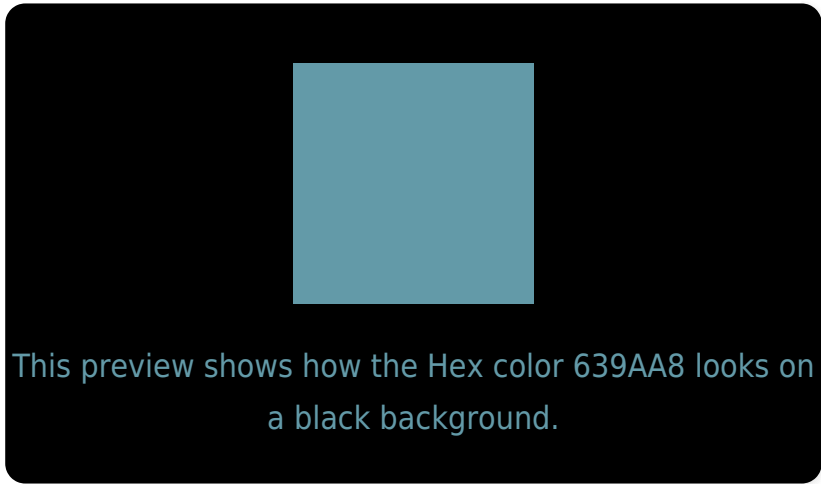
Large Text (above 18pt) WCAG AA ✓ Pass

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

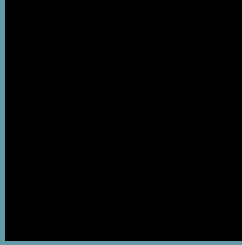
Any Text WCAG AA ✓ Pass

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 639AA8 Background



This preview shows how black text looks on a background with the Hex color 639AA8.

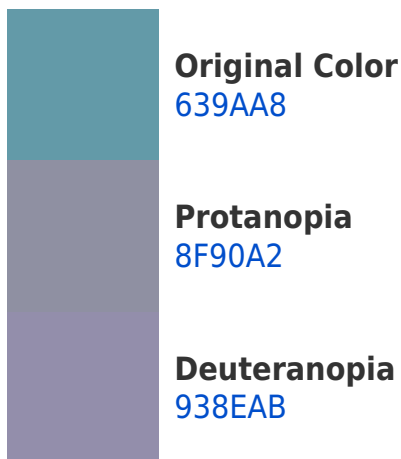


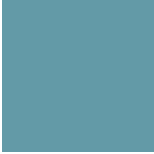
This preview shows how white text looks on a background with the Hex color 639AA8.

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](#).

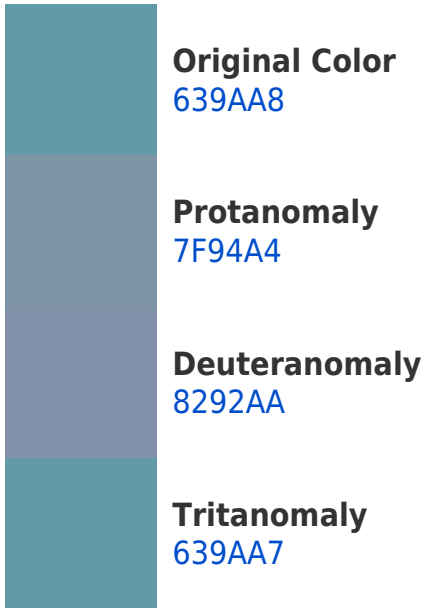
Dichromacy



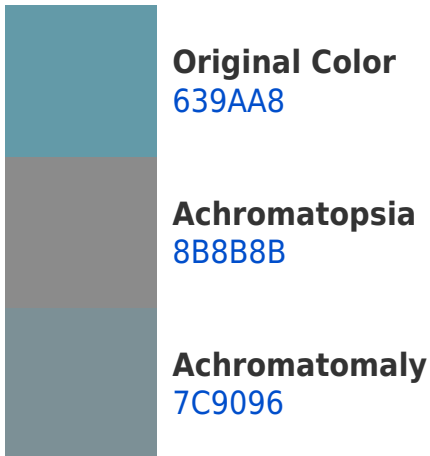


Tritanopia
639AA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 639AA8 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 #639AA8 looks like.

```
.text, #text, p{  
    color:#639AA8  
}
```

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 #639AA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #639AA8
}
```

Border

The CSS property to change the border of an element to Hex 639AA8 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
#639AA8 }
```

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

```
.border{ border-color:#639AA8 }
```

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

Here you see how a box with a 4 pixel #639AA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #639AA8; -webkit-box-shadow:4px 4px  
4px 4px #639AA8; box-shadow:4px 4px 4px  
4px #639AA8 }
```

Background

The CSS property to change the background color of an element to Hex 639AA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#639AA8 }
```

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

```
.background{ background-color:#639AA8 }
```

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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