

Converting Colors

Hex(639B97)

Have a look what the booklet for
Hex(639B97) contains.

Hex(639B97)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(639B97)

Conversions

Conversions Part 1

Format	Color
Hex	639B97
RGB	99, 155, 151
RGB Percent	39%, 61%, 59%
CMY	0.6118, 0.3922, 0.4078
CMYK	0.36, 0.00, 0.03, 0.39
HSL	176°, 22%, 50%
HSV	176°, 36%, 61%
XYZ	22.4528, 28.3297, 33.5629
YIQ	137.8000, -32.0920, -13.1160

Conversions

Conversions Part 2

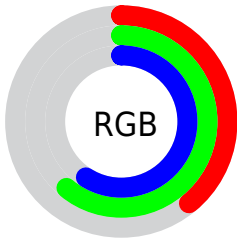
Format	Color
R_{YB}	99, 128, 155
Decimal	6527895
CIE _{Lab}	60.19, -19.30, -3.75
CIE _{LCh}	60, 19.659, 190.992
Yxy	28.3297, 0.2662, 0.3359
Android (android.graphics.Color)	4284717975 (0xFF639B97)
YUV	137.8000, 6.5076, -34.0276
Hunter-Lab	53.2257, -17.8460, -0.1290

Details

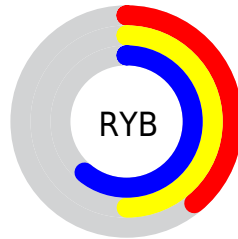
The Hex color **639B97** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9B6367**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **98D2CD**, and **306864** is the 20% darker color. If you saturate the color by 10%, you get **549B96**, and if you desaturate by 10%, it is **739B98**.

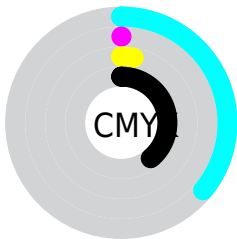
Distribution



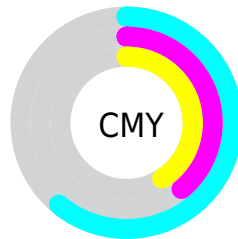
- Red (39%)
- Green (61%)
- Blue (59%)



- Red (39%)
- Yellow (50%)
- Blue (61%)



- Cyan (36%)
- Magenta (0%)
- Yellow (3%)
- Black (39%)



- Cyan (61%)
- Magenta (39%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 639B97 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 639B97 by changing the saturation by 10% instead.



639B97



639B97

FFFFFF



49817D



98D2CD



306864



B4EEE9



144F4C



D0FFFF



003836



EDFFFF



002320



00020A



000000



639B97



639B97



549B96



739B98

■ 449B95

■ 829B99

■ 359B94

■ 929B9A

■ 259B93

■ A19B9B

■ 169B91

■ B19B9D

■ 069B90

■ C09B9E

■ 009B90

■ D09B9F

■ DF9BA0

■ EF9BA1

Harmonies

Analogous

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



719A85



639B97



619AA7

Triad

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



639B97



9C8BAB



A88C71

Complementary

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



639B97



9B6367

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.



B3877B



639B97



AD869D

Square

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



639B97



8590B3



B4858B



98926F

Rectangle

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



639B97



6997AF



B4858B



AC8A73

Sweetspot

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



639B97



B3C9C8



689B63



596665



E6E6E6



666666

Same Dimension

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



639B97



73C9C3



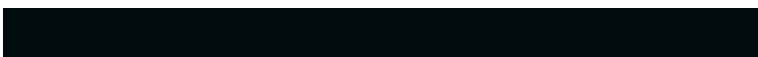
63849B



454D4C



008C82



000D0C

Inverse Universe

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



9B6367



C97379



9B7A63



4D4545



8C000A



0D0001

Previews

White Background



This preview shows how the Hex color 639B97 looks on a white background.

Color Contrast Check

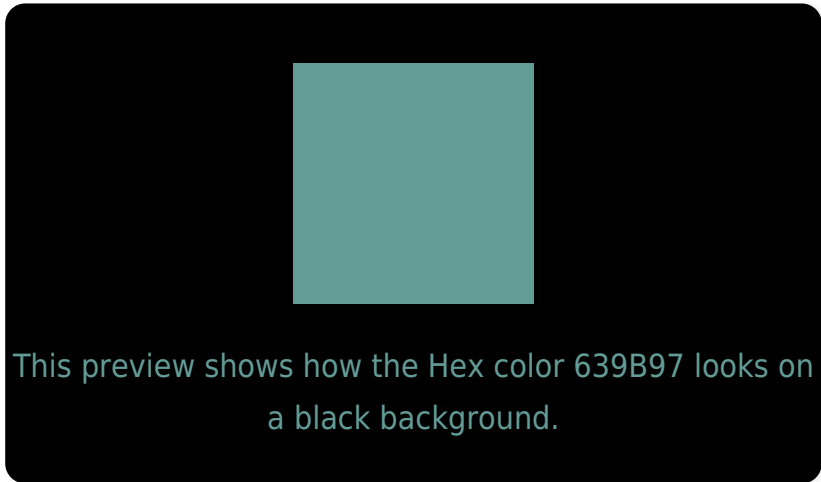
Large Text (above 18pt) WCAG AA ✓ Pass

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

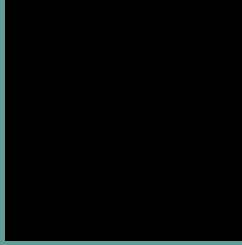
Any Text WCAG AA ✓ Pass

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 639B97 Background



This preview shows how black text looks on a background with the Hex color 639B97.

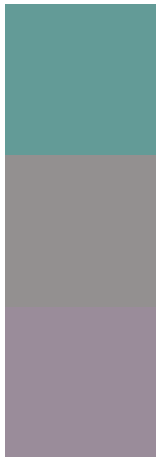


This preview shows how white text looks on a background with the Hex color 639B97.

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



Original Color
639B97

Protanopia
939090

Deuteranopia
9A8C9A

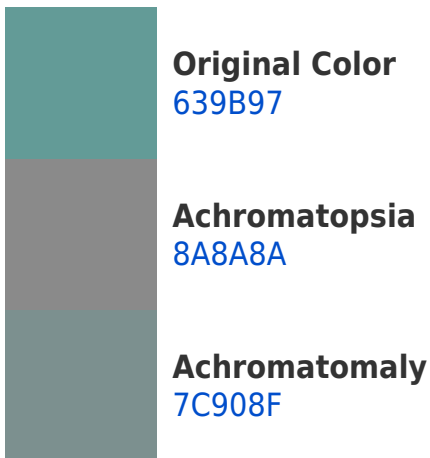


Tritanopia
6799A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 639B97 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 #639B97 looks like.

```
.text, #text, p{  
    color:#639B97  
}
```

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 #639B97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #639B97
}
```

Border

The CSS property to change the border of an element to Hex 639B97 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
#639B97 }
```

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

```
.border{ border-color:#639B97 }
```

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

Here you see how a box with a 4 pixel #639B97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #639B97; -webkit-box-shadow:4px 4px  
4px 4px #639B97; box-shadow:4px 4px 4px  
4px #639B97 }
```

Background

The CSS property to change the background color of an element to Hex 639B97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#639B97 }
```

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

```
.background{ background-color:#639B97 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor