

Converting Colors

Hex(638C92)

Have a look what the booklet for
Hex(638C92) contains.

Hex(638C92)	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(638C92)

Conversions

Conversions Part 1

Format	Color
Hex	638C92
RGB	99, 140, 146
RGB Percent	39%, 55%, 57%
CMY	0.6118, 0.4510, 0.4275
CMYK	0.32, 0.04, 0.00, 0.43
HSL	188°, 19%, 48%
HSV	188°, 32%, 57%
XYZ	19.7120, 23.4841, 30.6881
YIQ	128.4250, -26.3620, -6.8260

Conversions

Conversions Part 2

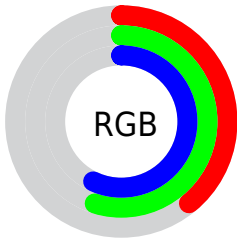
Format	Color
R_{YB}	99, 121, 146
Decimal	6524050
CIE _{Lab}	55.57, -12.52, -7.74
CIE _{LCh}	56, 14.718, 211.714
Yxy	23.4841, 0.2668, 0.3179
Android (android.graphics.Color)	4284714130 (0xFF638C92)
YUV	128.4250, 8.6645, -25.8057
Hunter-Lab	48.4604, -12.1983, -3.6237

Details

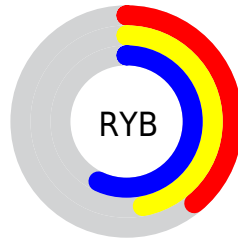
The Hex color **638C92** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **926963**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **97C2C8**, and **315A60** is the 20% darker color. If you saturate the color by 10%, you get **548A92**, and if you desaturate by 10%, it is **728E92**.

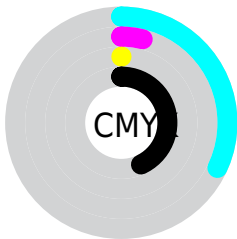
Distribution



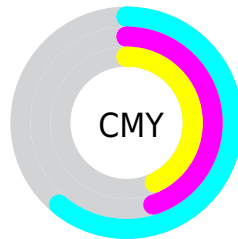
- Red (39%)
- Green (55%)
- Blue (57%)



- Red (39%)
- Yellow (47%)
- Blue (57%)



- Cyan (32%)
- Magenta (4%)
- Yellow (0%)
- Black (43%)



- Cyan (61%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 638C92 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 638C92 by changing the saturation by 10% instead.



638C92



638C92

FFFFFF



4A7278



97C2C8



315A60



B3DEE4



184248



CEFAFF



002C31



EBFFFF



00181C



000000



638C92



638C92



548A92



728E92



468892



809092

■ 378692

■ 8F9292

■ 298592

■ 9D9392

■ 1A8392

■ AC9592

■ 0B8192

■ BB9792

■ 007F92

■ C99992

■ D89B92

■ E69D92

Harmonies

Analogous

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



678D85



638C92



698A9B

Triad

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



638C92



967E91



8E846C

Complementary

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



638C92



926963

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.



9A806F



638C92



9F7C85

Square

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



638C92



88829B



9F7D78



80886F

Rectangle

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



638C92



72879E



9F7D78



93836C

Sweetspot

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



638C92



AABABD



639268



535D5E



DEDEDE



5E5E5E

Same Dimension

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



638C92



73B3BD



637592



43494A



00788A



00090A

Inverse Universe

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



92638C



BD73B3



928063



4A4349



8A0078



0A0009

Previews

White Background



This preview shows how the Hex color 638C92 looks on a white background.

Color Contrast Check

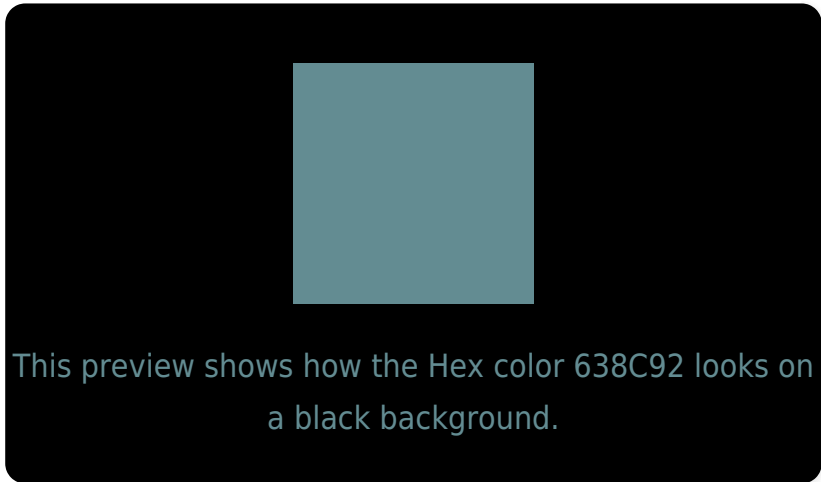
Large Text (above 18pt) WCAG AA ✓ Pass

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

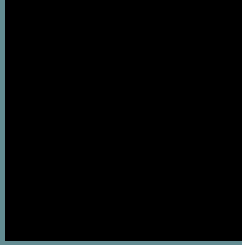
Any Text WCAG AA ✓ Pass

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 638C92 Background



This preview shows how black text looks on a background with the Hex color 638C92.

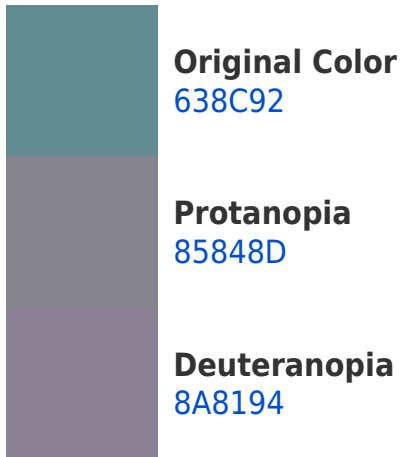


This preview shows how white text looks on a background with the Hex color 638C92.

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](#).

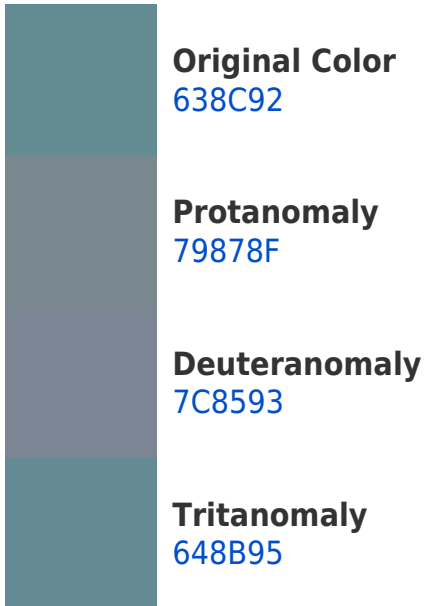
Dichromacy





Tritanopia
648B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 638C92 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 #638C92 looks like.

```
.text, #text, p{  
    color:#638C92  
}
```

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 #638C92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #638C92
}
```

Border

The CSS property to change the border of an element to Hex 638C92 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
#638C92 }
```

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

```
.border{ border-color:#638C92 }
```

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

Here you see how a box with a 4 pixel #638C92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #638C92; -webkit-box-shadow:4px 4px  
4px 4px #638C92; box-shadow:4px 4px 4px  
4px #638C92 }
```

Background

The CSS property to change the background color of an element to Hex 638C92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#638C92 }
```

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

```
.background{ background-color:#638C92 }
```

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