

# Converting Colors

Hex(638A80)

Have a look what the booklet for  
Hex(638A80) contains.

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# Color

Hex(638A80)

# Conversions

## Conversions Part 1

Format	Color
Hex	638A80
RGB	99, 138, 128
RGB Percent	39%, 54%, 50%
CMY	0.6118, 0.4588, 0.4980
CMYK	0.28, 0.00, 0.07, 0.46
HSL	165°, 16%, 46%
HSV	165°, 28%, 54%
XYZ	18.1304, 22.3881, 23.7878
YIQ	125.1990, -20.0340, -11.3780

# Conversions

## Conversions Part 2

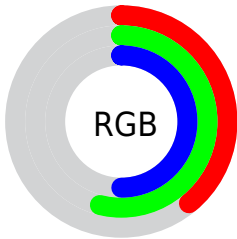
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 121, 138
Decimal	6523520
CIE <sub>Lab</sub>	54.44, -15.78, 0.99
CIE <sub>LCh</sub>	54, 15.813, 176.425
Yxy	22.3881, 0.2819, 0.3481
Android (android.graphics.Color)	4284713600 (0xFF638A80)
YUV	125.1990, 1.3809, -22.9765
Hunter-Lab	47.3161, -14.4064, 3.3136

# Details

The Hex color **638A80** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8A636D**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **97C0B5**, and **32584F** is the 20% darker color. If you saturate the color by 10%, you get **558A7C**, and if you desaturate by 10%, it is **718A84**.

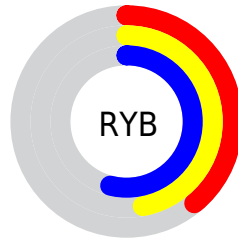
# Distribution



Red (39%)

Green (54%)

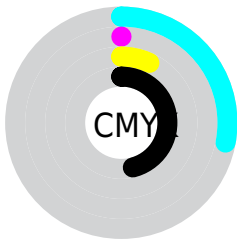
Blue (50%)



Red (39%)

Yellow (47%)

Blue (54%)

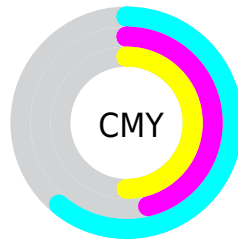


Cyan (28%)

Magenta (0%)

Yellow (7%)

Black (46%)



Cyan (61%)

Magenta (46%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 638A80 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 638A80 by changing the saturation by 10% instead.





638A80



638A80

FFFFFF



4A7067



97C0B5



32584F



B2DBD0



1B4038



CEF8ED



032A23



EAFFFF



00170D



000000



638A80



638A80



558A7C



718A84



478A79



7F8A87

 3A8A75

 8C8A8B

 2C8A72

 9A8A8E

 1E8A6E

 A88A92

 108A6B

 B68A95

 028A67

 C48A99

 008A67

 D18A9C

 DF8AA0

# Harmonies

## Analogous

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



708873



638A80



5D8A8E

# Triad

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



638A80



837F9B



997C6C

# Complementary

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



638A80



8A636D

# 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.



9F7977



638A80



927B91

# Square

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



638A80



70849D



9C7984



8E8167

# Rectangle

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



638A80



5F8995



9C7984



9C7B6F



# Sweetspot

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



638A80



A4B3AF



6D8A63



505957



D9D9D9



595959



# Same Dimension

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



638A80



76B3A3



63818A



3E4543



008563



000504



# Inverse Universe

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



8A636D



B37685



8A6C63



453E40



850022



050001



# Previews

## White Background



This preview shows how the Hex color 638A80 looks on a white background.

## Color Contrast Check

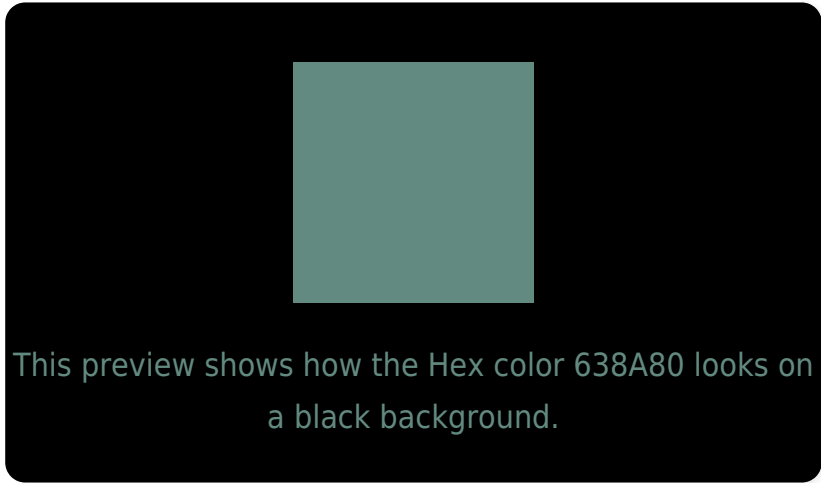
Large Text (above 18pt) WCAG AA ✓ Pass

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

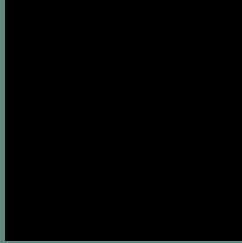
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 638A80 Background



This preview shows how black text looks on a background with the Hex color 638A80.

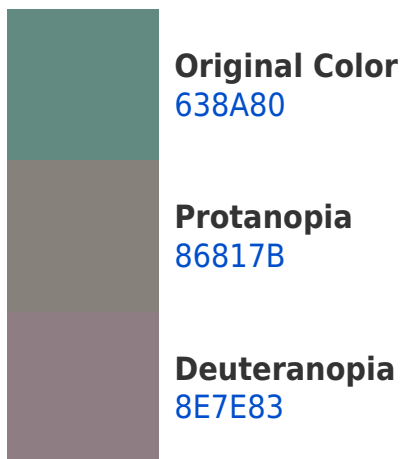


This preview shows how white text looks on a background with the Hex color 638A80.

# 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**  
678792

# Trichromacy



**Original Color**  
638A80

**Protanomaly**  
79847D

**Deuteranomaly**  
7E8282

**Tritanomaly**  
66888B

# Monochromacy



**Original Color**  
638A80

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
74827E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 638A80 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 #638A80 looks like.

```
.text, #text, p{  
    color:#638A80  
}
```

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 #638A80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #638A80
}
```

## Border

The CSS property to change the border of an element to Hex 638A80 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
#638A80 }
```

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

```
.border{ border-color:#638A80 }
```

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

Here you see how a box with a 4 pixel #638A80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #638A80; -webkit-box-shadow:4px 4px  
4px 4px #638A80; box-shadow:4px 4px 4px  
4px #638A80 }
```

# Background

The CSS property to change the background color of an element to Hex 638A80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#638A80 }
```

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

```
.background{ background-color:#638A80 }
```

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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