

# Converting Colors

Hex(638C78)

Have a look what the booklet for  
Hex(638C78) contains.

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# Color

Hex(638C78)

# Conversions

## Conversions Part 1

Format	Color
Hex	638C78
RGB	99, 140, 120
RGB Percent	39%, 55%, 47%
CMY	0.6118, 0.4510, 0.5294
CMYK	0.29, 0.00, 0.14, 0.45
HSL	151°, 17%, 47%
HSV	151°, 29%, 55%
XYZ	17.9138, 22.7649, 21.2192
YIQ	125.4610, -18.0160, -14.9120

# Conversions

## Conversions Part 2

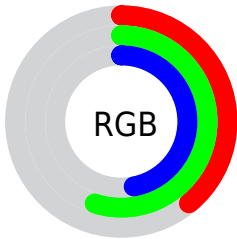
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 126, 140
Decimal	6524024
CIE <sub>Lab</sub>	54.83, -18.63, 6.17
CIE <sub>LCh</sub>	55, 19.620, 161.685
Yxy	22.7649, 0.2894, 0.3678
Android (android.graphics.Color)	4284714104 (0xFF638C78)
YUV	125.4610, -2.6923, -23.2063
Hunter-Lab	47.7126, -16.4786, 7.0308

# Details

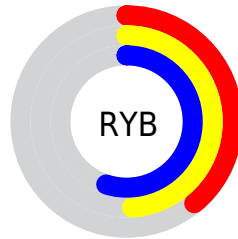
The Hex color **638C78** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8C6377**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **97C2AC**, and **325A48** is the 20% darker color. If you saturate the color by 10%, you get **558C71**, and if you desaturate by 10%, it is **718C7F**.

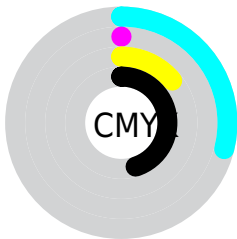
# Distribution



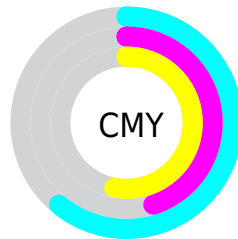
- Red (39%)
- Green (55%)
- Blue (47%)



- Red (39%)
- Yellow (49%)
- Blue (55%)



- Cyan (29%)
- Magenta (0%)
- Yellow (14%)
- Black (45%)



- Cyan (61%)
- Magenta (45%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 638C78 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 638C78 by changing the saturation by 10% instead.





638C78



638C78

FFFFFF



4A725F



97C2AC



325A48



B2DEC8



1B4231



CEFAE4



032C1C



EAFFFF



001902



000000



638C78



638C78



558C71



718C7F



478C6A



7F8C86

■ 398C64

■ 8D8C8C

■ 2B8C5D

■ 9B8C93

■ 1D8C56

■ A98C9A

■ 0F8C4F

■ B78CA1

■ 018C48

■ C58CA8

■ 008C48

■ D38CAF

■ E18CB5

# Harmonies

## Analogous

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



768969



638C78



558D89

# Triad

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



638C78



7882A4



A47A6D

# Complementary

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



638C78



8C6377

# 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.



A6777D



638C78



8E7D9D

# Square

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



638C78



6188A3



9E788E



997F63

# Rectangle

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



638C78



528C94



9E788E



A57872



# Sweetspot

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



638C78



A5B5AD



788C63



525C57



DBDBDB



5C5C5C



# Same Dimension

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



638C78



76B596



638C8C



3E4541



008544



000503



# Inverse Universe

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



8C6377



B57695



8C6363



453E41



850041



050002



# Previews

## White Background



This preview shows how the Hex color 638C78 looks on a white background.

## Color Contrast Check

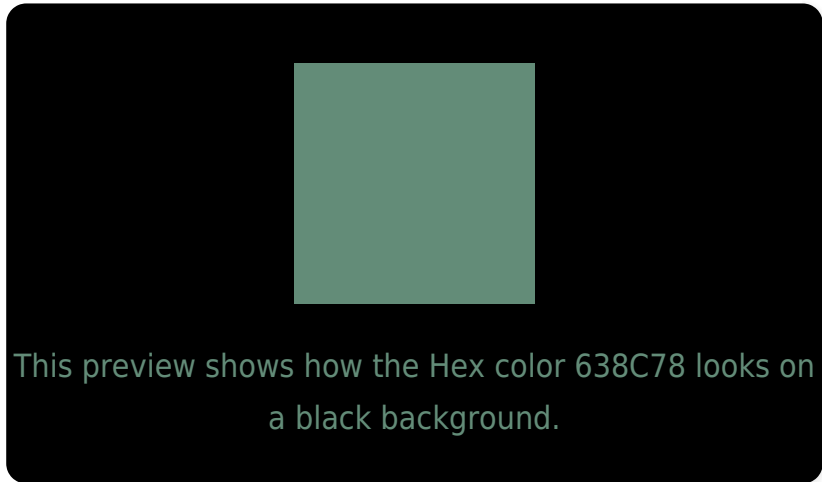
Large Text (above 18pt) WCAG AA ✓ Pass

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

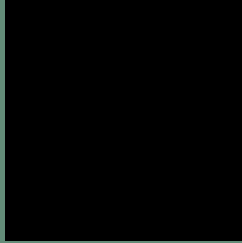
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 638C78 Background



This preview shows how black text looks on a background with the Hex color 638C78.

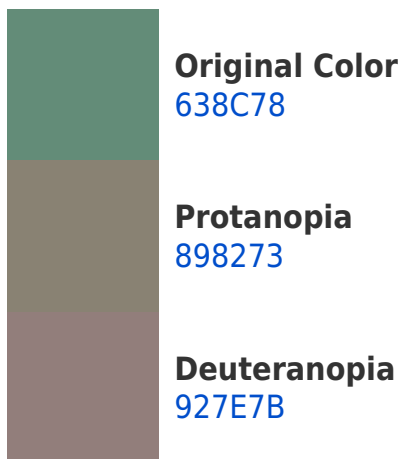


This preview shows how white text looks on a background with the Hex color 638C78.

# 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



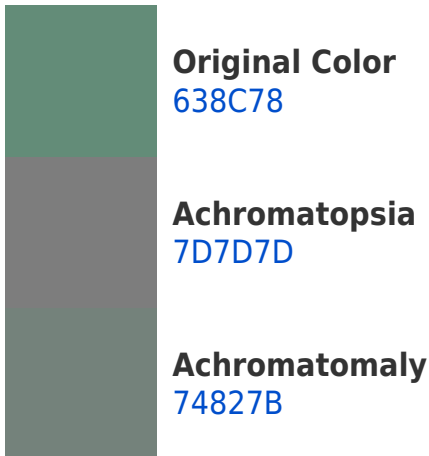


**Tritanopia**  
698893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 638C78 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 #638C78 looks like.

```
.text, #text, p{  
    color:#638C78  
}
```

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 #638C78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #638C78
}
```

## Border

The CSS property to change the border of an element to Hex 638C78 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
#638C78 }
```

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

```
.border{ border-color:#638C78 }
```

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

Here you see how a box with a 4 pixel #638C78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #638C78; -webkit-box-shadow:4px 4px  
4px 4px #638C78; box-shadow:4px 4px 4px  
4px #638C78 }
```

# Background

The CSS property to change the background color of an element to Hex 638C78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#638C78 }
```

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

```
.background{ background-color:#638C78 }
```

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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