

# Converting Colors

Hex(638E97)

Have a look what the booklet for  
Hex(638E97) contains.

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# Color

**Hex(638E97)**

# Conversions

## Conversions Part 1

Format	Color
Hex	638E97
RGB	99, 142, 151
RGB Percent	39%, 56%, 59%
CMY	0.6118, 0.4431, 0.4078
CMYK	0.34, 0.06, 0.00, 0.41
HSL	190°, 21%, 49%
HSV	190°, 34%, 59%
XYZ	20.4045, 24.2330, 32.8802
YIQ	130.1690, -28.5170, -6.3170

# Conversions

## Conversions Part 2

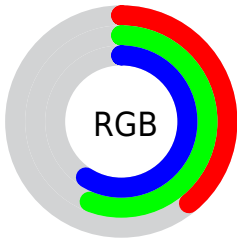
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	99, 123, 151
Decimal	6524567
CIE Lab	56.32, -12.34, -9.49
CIE LCh	56, 15.566, 217.564
Yxy	24.2330, 0.2632, 0.3126
Android (android.graphics.Color)	4284714647 (0xFF638E97)
YUV	130.1690, 10.2697, -27.3352
Hunter-Lab	49.2270, -12.1595, -5.1426

# Details

The Hex color **638E97** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **976C63**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **98C4CD**, and **315C64** is the 20% darker color. If you saturate the color by 10%, you get **548B97**, and if you desaturate by 10%, it is **729197**.

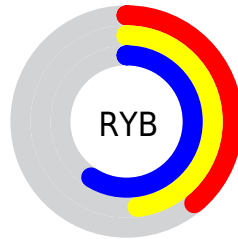
# Distribution



Red (39%)

Green (56%)

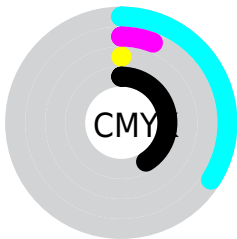
Blue (59%)



Red (39%)

Yellow (48%)

Blue (59%)

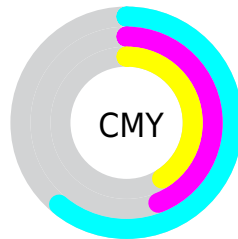


Cyan (34%)

Magenta (6%)

Yellow (0%)

Black (41%)



Cyan (61%)

Magenta (44%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 638E97 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 638E97 by changing the saturation by 10% instead.



■ 638E97

■ 638E97

FFFFFF

■ 4A747D

■ 98C4CD

■ 315C64

■ B3E0E9

■ 17444C

■ CFFCFF

■ 002E36

■ ECFFFF

■ 001A20

■ 000008

■ 000000

■ 638E97

■ 638E97

■ 548B97

■ 729197

458997

819397

368697

909697

278497

9F9897

188197

AF9B97

087E97

BE9E97

007D97

CDA097

DCA397

EBA697

# Harmonies

## Analogous

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



658F8A



638E97



6C8BA0

# Triad

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



638E97



9C7F92



8E876C

# Complementary

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



638E97



976C63

# 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.



9B836E



638E97



A37E84

# Square

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



638E97



8E829C



A27F77



7F8B71

# Rectangle

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



638E97



7689A2



A27F77



93866C



# Sweetspot

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



638E97



B1C1C4



63976C



586163



E3E3E3



636363



# Same Dimension

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



638E97



74B6C4



637497



454B4D



00748C



000B0D



# Inverse Universe

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



97638E



C474B6



978663



4D454B



8C0074



0D000B



# Previews

## White Background



This preview shows how the Hex color 638E97 looks on a white background.

## Color Contrast Check

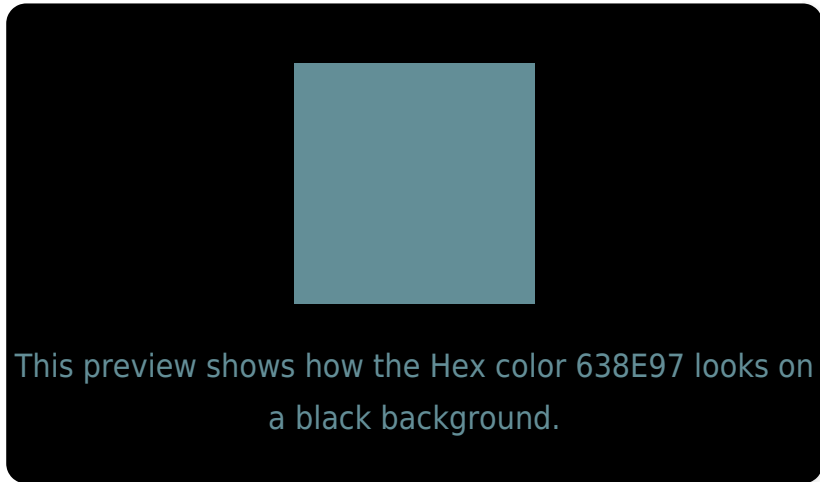
Large Text (above 18pt) WCAG AA ✓ Pass

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

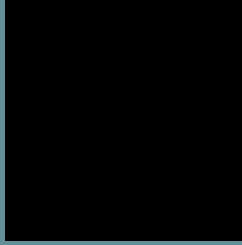
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

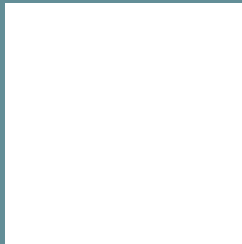
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 638E97 Background



This preview shows how black text looks on a background with the Hex color 638E97.

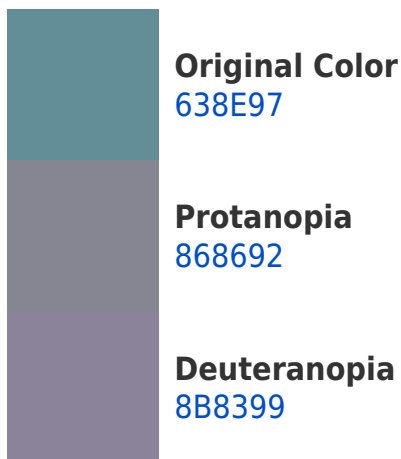


This preview shows how white text looks on a background with the Hex color 638E97.

# 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



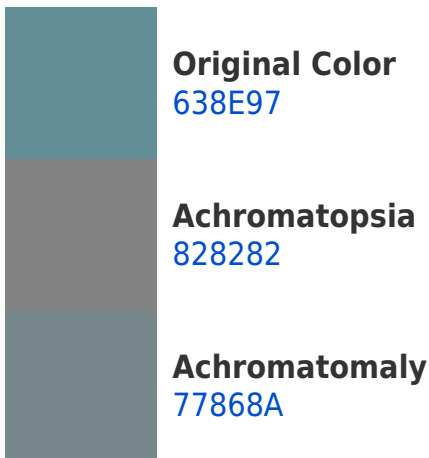


**Tritanopia**  
648E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 638E97 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 #638E97 looks like.

```
.text, #text, p{  
    color:#638E97  
}
```

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 #638E97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #638E97
}
```

## Border

The CSS property to change the border of an element to Hex 638E97 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
#638E97 }
```

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

```
.border{ border-color:#638E97 }
```

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

Here you see how a box with a 4 pixel #638E97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #638E97; -webkit-box-shadow:4px 4px  
4px 4px #638E97; box-shadow:4px 4px 4px  
4px #638E97 }
```

# Background

The CSS property to change the background color of an element to Hex 638E97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#638E97 }
```

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

```
.background{ background-color:#638E97 }
```

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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