

# Converting Colors

Hex(638E6F)

Have a look what the booklet for  
Hex(638E6F) contains.

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# Color

Hex(638E6F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	638E6F
RGB	99, 142, 111
RGB Percent	39%, 56%, 44%
CMY	0.6118, 0.4431, 0.5647
CMYK	0.30, 0.00, 0.22, 0.44
HSL	137°, 18%, 47%
HSV	137°, 30%, 56%
XYZ	17.6878, 23.1463, 18.5744
YIQ	125.6090, -15.6770, -18.7570

# Conversions

## Conversions Part 2

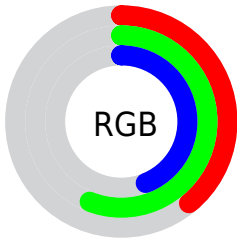
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 133, 142
Decimal	6524527
CIE <sub>Lab</sub>	55.22, -21.53, 11.88
CIE <sub>LCh</sub>	55, 24.591, 151.120
Yxy	23.1463, 0.2977, 0.3896
Android (android.graphics.Color)	4284714607 (0xFF638E6F)
YUV	125.6090, -7.2022, -23.3361
Hunter-Lab	48.1107, -18.5683, 10.7870

# Details

The Hex color **638E6F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8E6382**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **97C4A3**, and **325B3F** is the 20% darker color. If you saturate the color by 10%, you get **558E65**, and if you desaturate by 10%, it is **718E79**.

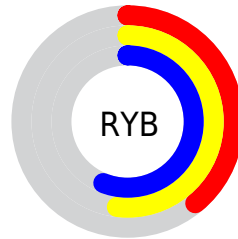
# Distribution



Red (39%)

Green (56%)

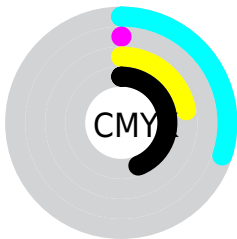
Blue (44%)



Red (39%)

Yellow (52%)

Blue (56%)

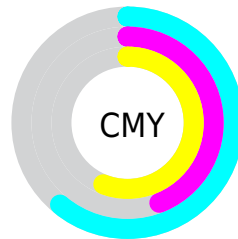


Cyan (30%)

Magenta (0%)

Yellow (22%)

Black (44%)



Cyan (61%)

Magenta (44%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 638E6F 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 638E6F by changing the saturation by 10% instead.





638E6F



638E6F

FFFFFF



4A7457



97C4A3



325B3F



B2E0BE



1B4429



CEFDDA



022D15



EAFF6



001A00



000000



638E6F



638E6F



558E65



718E79



478E5B



7F8E83

 388E50

 8E8E8E

 2A8E46

 9C8E98

 1C8E3C

 AA8EA2

 0E8E32

 B88EAC

 008E28

 C68EB7

 D58EC1

 E38ECB

# Harmonies

## Analogous

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



7C8A5F



638E6F



4C9084

# Triad

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



638E6F



6A86AE



AE766F

# Complementary

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



638E6F



8E6382

# 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.



AD7484



638E6F



887EA9

# Square

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



638E6F



4D8CA9



A07899



A47C60

# Rectangle

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



638E6F



429093



A07899



AF7576



# Sweetspot

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



638E6F



A7B8AC



838E63



525C55



DBDBDB



5C5C5C



# Same Dimension

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



638E6F



76B888



638E84



404742



008726



000802



# Inverse Universe

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



8E6382



B876A5



8E636D



474045



870061



080006



# Previews

## White Background



This preview shows how the Hex color 638E6F looks on a white background.

## Color Contrast Check

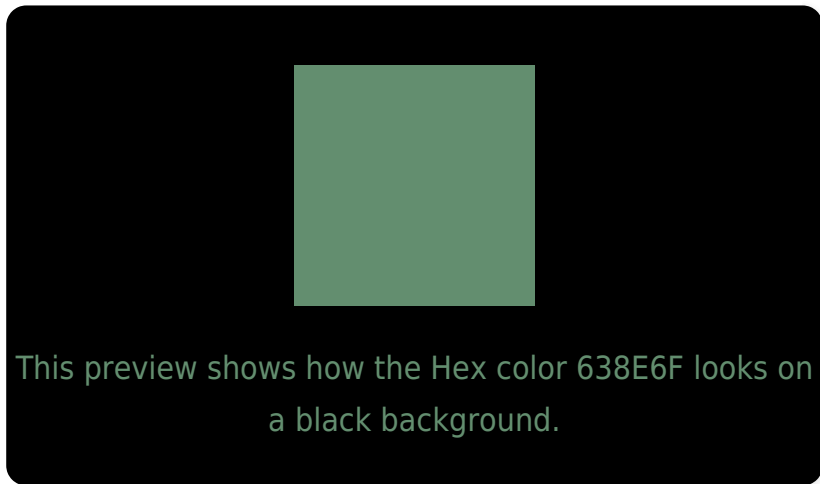
Large Text (above 18pt) WCAG AA ✓ Pass

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

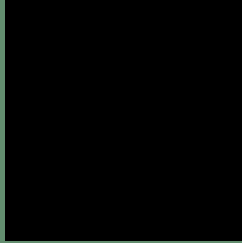
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 638E6F Background



This preview shows how black text looks on a background with the Hex color 638E6F.

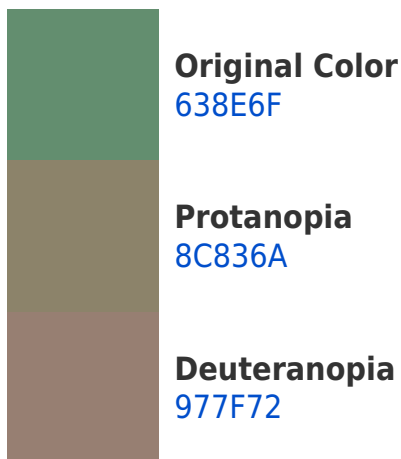



This preview shows how white text looks on a background with the Hex color 638E6F.

# 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



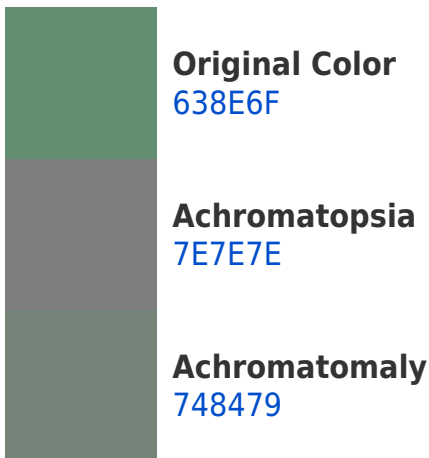


**Tritanopia**  
6A8994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 638E6F 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 #638E6F looks like.

```
.text, #text, p{  
    color:#638E6F  
}
```

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 #638E6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #638E6F
}
```

## Border

The CSS property to change the border of an element to Hex 638E6F 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
#638E6F }
```

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

```
.border{ border-color:#638E6F }
```

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

Here you see how a box with a 4 pixel #638E6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #638E6F; -webkit-box-shadow:4px 4px  
4px 4px #638E6F; box-shadow:4px 4px 4px  
4px #638E6F }
```

# Background

The CSS property to change the background color of an element to Hex 638E6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#638E6F }
```

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

```
.background{ background-color:#638E6F }
```

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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