

# Converting Colors

Hex(638C86)

Have a look what the booklet for  
Hex(638C86) contains.

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# Color

Hex(638C86)

# Conversions

## Conversions Part 1

Format	Color
Hex	638C86
RGB	99, 140, 134
RGB Percent	39%, 55%, 53%
CMY	0.6118, 0.4510, 0.4745
CMYK	0.29, 0.00, 0.04, 0.45
HSL	171°, 17%, 47%
HSV	171°, 29%, 55%
XYZ	18.8267, 23.1300, 26.0265
YIQ	127.0570, -22.5100, -10.5580

# Conversions

## Conversions Part 2

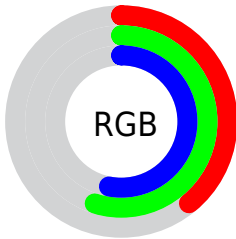
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	99, 121, 140
Decimal	6524038
CIE Lab	55.21, -15.46, -1.35
CIE LCh	55, 15.519, 185.001
Yxy	23.1300, 0.2769, 0.3402
Android (android.graphics.Color)	4284714118 (0xFF638C86)
YUV	127.0570, 3.4229, -24.6060
Hunter-Lab	48.0937, -14.2884, 1.5801

# Details

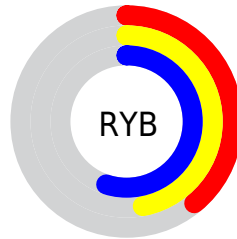
The Hex color **638C86** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8C6369**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **97C2BB**, and **325A54** is the 20% darker color. If you saturate the color by 10%, you get **558C84**, and if you desaturate by 10%, it is **718C88**.

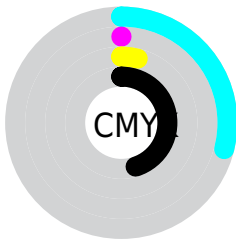
# Distribution



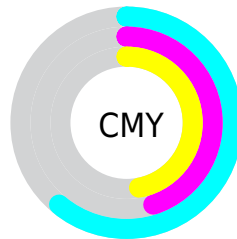
- Red (39%)
- Green (55%)
- Blue (53%)



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



- Cyan (29%)
- Magenta (0%)
- Yellow (4%)
- Black (45%)



- Cyan (61%)
- Magenta (45%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 638C86 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 638C86 by changing the saturation by 10% instead.



■ 638C86

■ 638C86

FFFFFF

■ 4A726D

■ 97C2BB

■ 325A54

■ B2DED7

■ 1A423D

■ CEFAF3

■ 012C28

■ EAFFFF

■ 001913

■ 000000

■ 638C86

■ 638C86

■ 558C84

■ 718C88

■ 478C82

■ 7F8C8A

398C80

8D8C8C

2B8C7E

9B8C8E

1D8C7C

A98C90

0F8C7A

B78C92

018C78

C58C94

008C78

D38C96

E18C98

# Harmonies

## Analogous

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



6E8B78



638C86



608B93

# Triad

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



638C86



89809A



99806C

# Complementary

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



638C86



8C6369

# 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.



9F7C75



638C86



987C90

# Square

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



638C86



78859F



9F7B82



8C8469

# Rectangle

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



638C86



648A9A



9F7B82



9C7E6F



# Sweetspot

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



638C86



A5B5B3



698C63



525C5A



DBDBDB



5C5C5C



# Same Dimension

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



638C86



76B5AC



637E8C



3E4544



008571



000504



# Inverse Universe

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



8C6369



B5767F



8C7163



453E3F



850013



050001



# Previews

## White Background



This preview shows how the Hex color 638C86 looks on a white background.

## Color Contrast Check

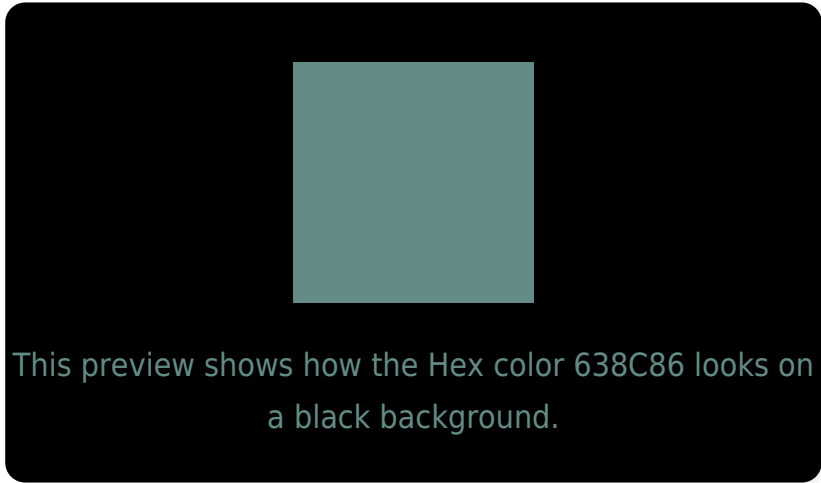
Large Text (above 18pt) WCAG AA ✓ Pass

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

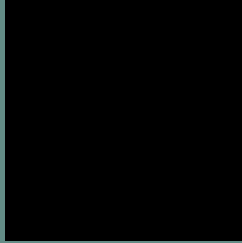
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 638C86 Background



This preview shows how black text looks on a background with the Hex color 638C86.

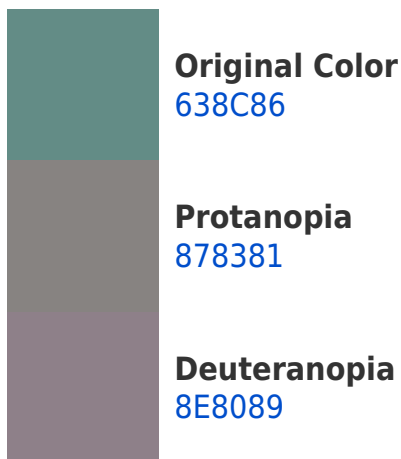



This preview shows how white text looks on a background with the Hex color 638C86.

# 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](#).

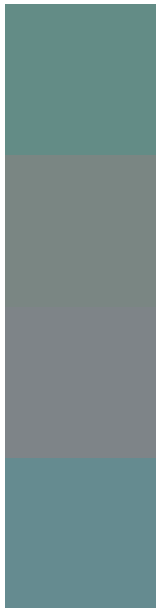
## Dichromacy





**Tritanopia**  
668A95

# Trichromacy



**Original Color**  
638C86

**Protanomaly**  
7A8683

**Deuteranomaly**  
7E8488

**Tritanomaly**  
658B90

# Monochromacy



**Original Color**  
638C86

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
758482

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 638C86 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 #638C86 looks like.

```
.text, #text, p{  
    color:#638C86  
}
```

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 #638C86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #638C86
}
```

## Border

The CSS property to change the border of an element to Hex 638C86 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
#638C86 }
```

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

```
.border{ border-color:#638C86 }
```

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

Here you see how a box with a 4 pixel #638C86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #638C86; -webkit-box-shadow:4px 4px  
4px 4px #638C86; box-shadow:4px 4px 4px  
4px #638C86 }
```

# Background

The CSS property to change the background color of an element to Hex 638C86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#638C86 }
```

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

```
.background{ background-color:#638C86 }
```

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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