

Converting Colors

Hex(638897)

Have a look what the booklet for
Hex(638897) contains.

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Color

Hex(638897)

Conversions

Conversions Part 1

Format	Color
Hex	638897
RGB	99, 136, 151
RGB Percent	39%, 53%, 59%
CMY	0.6118, 0.4667, 0.4078
CMYK	0.34, 0.10, 0.00, 0.41
HSL	197°, 21%, 49%
HSV	197°, 34%, 59%
XYZ	19.5357, 22.4953, 32.5906
YIQ	126.6470, -26.8670, -3.1790

Conversions

Conversions Part 2

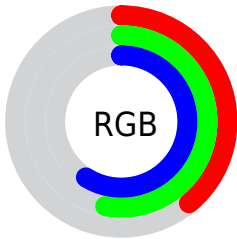
Format	Color
R _Y B	99, 121, 151
Decimal	6523031
CIE Lab	54.55, -9.01, -12.15
CIE LCh	55, 15.128, 233.428
Yxy	22.4953, 0.2618, 0.3015
Android (android.graphics.Color)	4284713111 (0xFF638897)
YUV	126.6470, 12.0060, -24.2464
Hunter-Lab	47.4292, -9.4787, -7.5401

Details

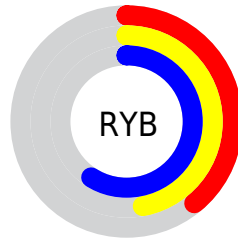
The Hex color **638897** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **977263**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **97BDCD**, and **315664** is the 20% darker color. If you saturate the color by 10%, you get **548497**, and if you desaturate by 10%, it is **728C97**.

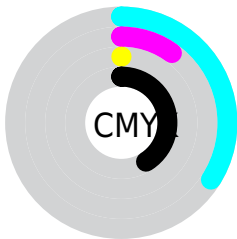
Distribution



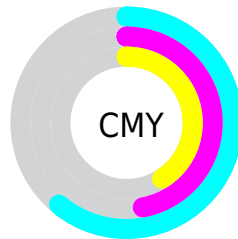
- Red (39%)
- Green (53%)
- Blue (59%)



- Red (39%)
- Yellow (47%)
- Blue (59%)



- Cyan (34%)
- Magenta (10%)
- Yellow (0%)
- Black (41%)



- Cyan (61%)
- Magenta (47%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 638897 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 638897 by changing the saturation by 10% instead.



638897



638897

FFFFFF



4A6F7D



97BDCD



315664



B3D9E9



183F4C



CFF6FF



002935



EBFFFF



001520



000007



000000



638897



638897



548497



728C97

457F97

819197

367B97

909597

277797

9F9997

187297

AF9E97

086E97

BEA297

006B97

CDA697

DCAB97

EBAF97

Harmonies

Analogous

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



5F8A8C



638897



70859C

Triad

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



638897



9B7A86



82856A

Complementary

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



638897



977263

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.



8F8169



638897



9E7A79

Square

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



638897



917C92



9A7C6E



738873

Rectangle

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



638897



7B829C



9A7C6E



878369

Sweetspot

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



638897



B1BFC4



639772



586063



E3E3E3



636363

Same Dimension

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



638897



74ADC4



636E97



454A4D



00648C



00090D

Inverse Universe

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



976388



C474AD



978C63



4D454A



8C0064



0D0009

Previews

White Background



This preview shows how the Hex color 638897 looks on a white background.

Color Contrast Check

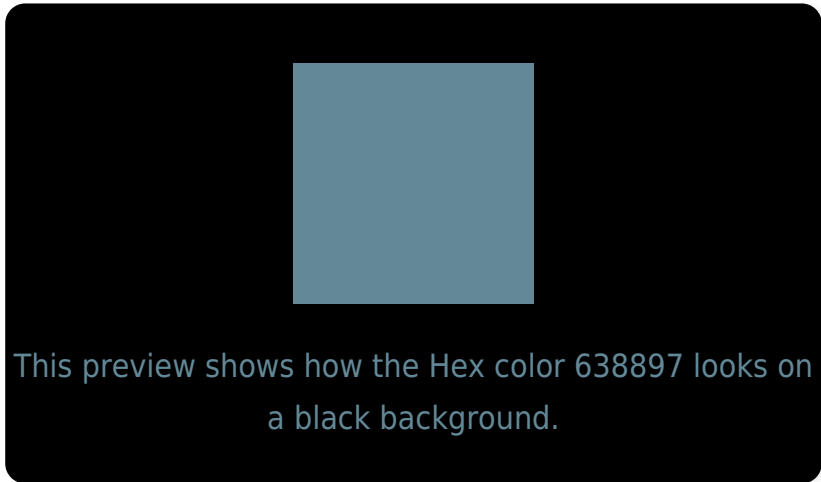
Large Text (above 18pt) WCAG AA ✓ Pass

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

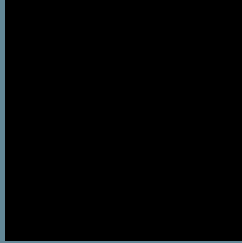
Any Text WCAG AA ✓ Pass

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 638897 Background



This preview shows how black text looks on a background with the Hex color 638897.



This preview shows how white text looks on a background with the Hex color 638897.

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



Original Color
638897

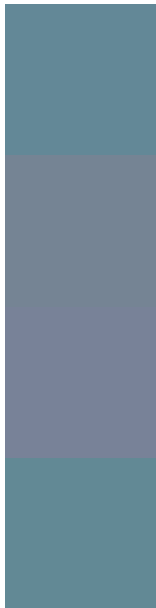
Protanopia
7F8193

Deuteranopia
847F99



Tritanopia
628994

Trichromacy



Original Color
638897

Protanomaly
758494

Deuteranomaly
788298

Tritanomaly
628995

Monochromacy



Original Color
638897

Achromatopsia
7F7F7F

Achromatomaly
758288

CSS Examples

Text

The CSS property to change the color of the text to Hex 638897 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 #638897 looks like.

```
.text, #text, p{  
    color:#638897  
}
```

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 #638897 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #638897
}
```

Border

The CSS property to change the border of an element to Hex 638897 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
#638897 }
```

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

```
.border{ border-color:#638897 }
```

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

Here you see how a box with a 4 pixel #638897 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #638897; -webkit-box-shadow:4px 4px  
4px 4px #638897; box-shadow:4px 4px 4px  
4px #638897 }
```

Background

The CSS property to change the background color of an element to Hex 638897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#638897 }
```

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

```
.background{ background-color:#638897 }
```

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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