

Converting Colors

Hex(638E91)

Have a look what the booklet for
Hex(638E91) contains.

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Color

Hex(638E91)

Conversions

Conversions Part 1

Format	Color
Hex	638E91
RGB	99, 142, 145
RGB Percent	39%, 56%, 57%
CMY	0.6118, 0.4431, 0.4314
CMYK	0.32, 0.02, 0.00, 0.43
HSL	184°, 19%, 48%
HSV	184°, 32%, 57%
XYZ	19.9294, 24.0430, 30.3784
YIQ	129.4850, -26.5910, -8.1830

Conversions

Conversions Part 2

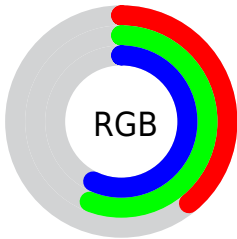
Format	Color
R_{YB}	99, 121, 145
Decimal	6524561
CIE _{Lab}	56.13, -13.86, -6.32
CIE _{LCh}	56, 15.238, 204.518
Yxy	24.0430, 0.2680, 0.3234
Android (android.graphics.Color)	4284714641 (0xFF638E91)
YUV	129.4850, 7.6489, -26.7353
Hunter-Lab	49.0336, -13.2586, -2.4091

Details

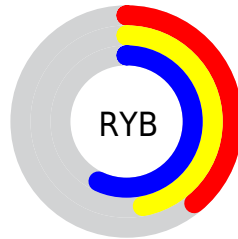
The Hex color **638E91** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **916663**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **97C4C7**, and **315C5F** is the 20% darker color. If you saturate the color by 10%, you get **558D91**, and if you desaturate by 10%, it is **728F91**.

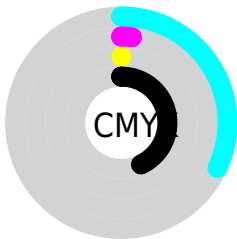
Distribution



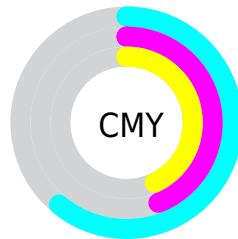
- Red (39%)
- Green (56%)
- Blue (57%)



- Red (39%)
- Yellow (47%)
- Blue (57%)



- Cyan (32%)
- Magenta (2%)
- Yellow (0%)
- Black (43%)



- Cyan (61%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 638E91 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 638E91 by changing the saturation by 10% instead.

638E91

638E91

FFFFFF

4A7477

97C4C7

315C5F

B3E0E3

184447

CFFCFF

002E31

EBFFFF

001A1C

000000

638E91

638E91

558D91

728F91

468C91

809091

■ 388B91

■ 8F9191

■ 298A91

■ 9D9291

■ 1B8991

■ AB9391

■ 0C8891

■ BA9491

■ 008891

■ C99591

■ D79691

■ E69791

Harmonies

Analogous

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



698E84



638E91



678C9C

Triad

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



638E91



968096



93856C

Complementary

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



638E91



916663

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.



9E8171



638E91



A07D8A

Square

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



638E91



86849F



A27E7C



85896E

Rectangle

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



638E91



6F8AA0



A27E7C



97836D

Sweetspot

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



638E91



AABBBD



639165



535E5E



DEDEDE



5E5E5E

Same Dimension

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



638E91



75B8BD



637891



404747



007E87



000708

Inverse Universe

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



91638E



BD75B8



917C63



474047



87007E



080007

Previews

White Background



This preview shows how the Hex color 638E91 looks on a white background.

Color Contrast Check

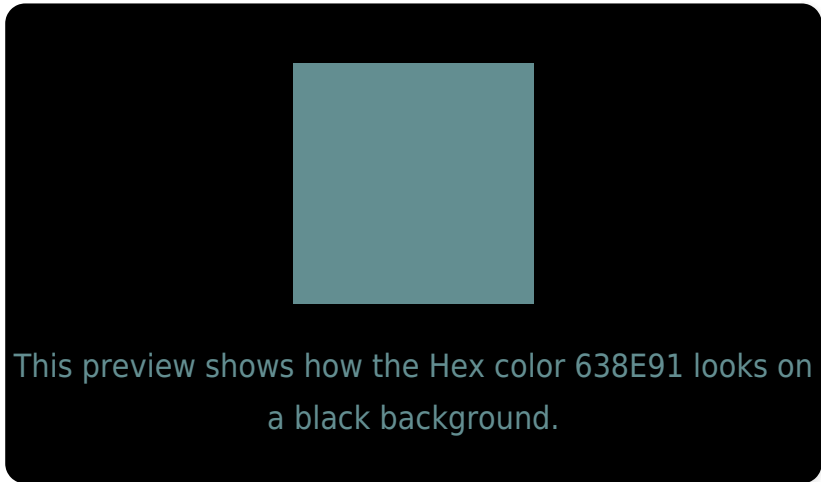
Large Text (above 18pt) WCAG AA ✓ Pass

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

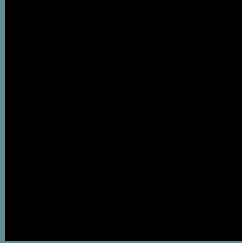
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

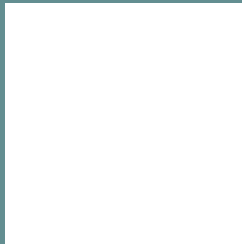
Any Text WCAG AAA × Fail

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

Hex 638E91 Background



This preview shows how black text looks on a background with the Hex color 638E91.

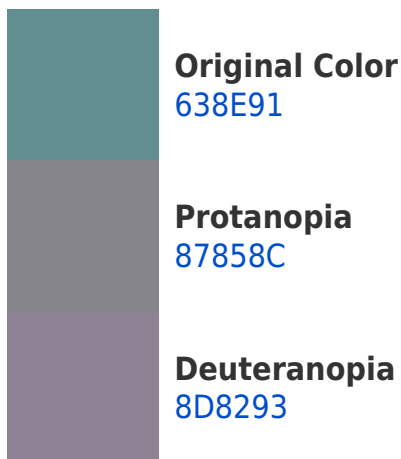


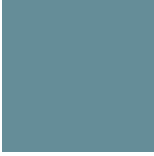
This preview shows how white text looks on a background with the Hex color 638E91.

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](#).

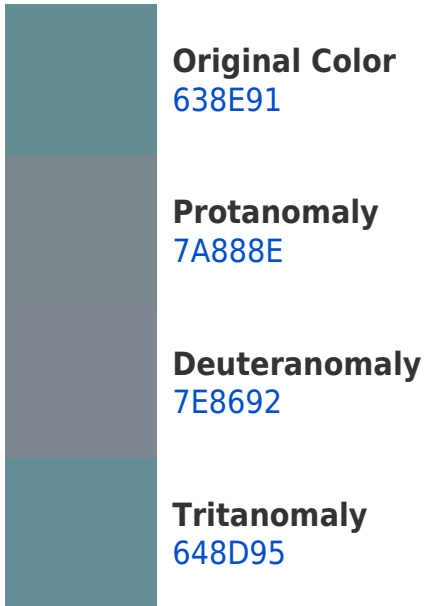
Dichromacy



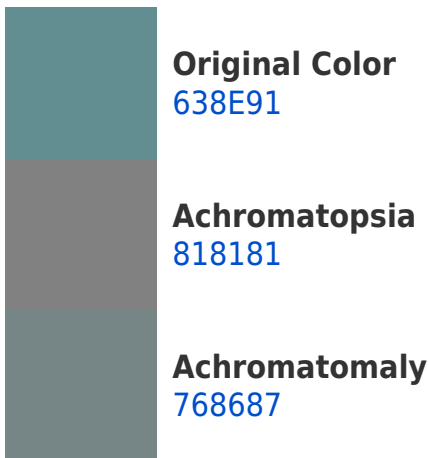


Tritanopia
658D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 638E91 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 #638E91 looks like.

```
.text, #text, p{  
    color:#638E91  
}
```

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 #638E91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #638E91
}
```

Border

The CSS property to change the border of an element to Hex 638E91 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
#638E91 }
```

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

```
.border{ border-color:#638E91 }
```

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

Here you see how a box with a 4 pixel #638E91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #638E91; -webkit-box-shadow:4px 4px  
4px 4px #638E91; box-shadow:4px 4px 4px  
4px #638E91 }
```

Background

The CSS property to change the background color of an element to Hex 638E91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#638E91 }
```

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

```
.background{ background-color:#638E91 }
```

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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