

Converting Colors

Hex(637E80)

Have a look what the booklet for
Hex(637E80) contains.

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Color

Hex(637E80)

Conversions

Conversions Part 1

Format	Color
Hex	637E80
RGB	99, 126, 128
RGB Percent	39%, 49%, 50%
CMY	0.6118, 0.5059, 0.4980
CMYK	0.23, 0.02, 0.00, 0.50
HSL	184°, 13%, 45%
HSV	184°, 23%, 50%
XYZ	16.5027, 19.1329, 23.2453
YIQ	118.1550, -16.7340, -5.1020

Conversions

Conversions Part 2

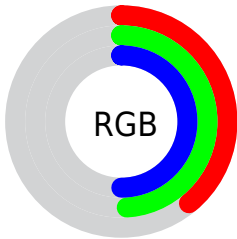
Format	Color
R_{YB}	99, 113, 128
Decimal	6520448
CIE _{Lab}	50.84, -9.17, -4.29
CIE _{LCh}	51, 10.127, 205.050
Yxy	19.1329, 0.2803, 0.3249
Android (android.graphics.Color)	4284710528 (0xFF637E80)
YUV	118.1550, 4.8536, -16.7989
Hunter-Lab	43.7411, -9.2022, -0.8896

Details

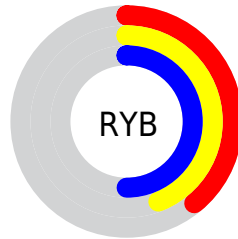
The Hex color **637E80** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **806563**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **96B3B5**, and **334D4F** is the 20% darker color. If you saturate the color by 10%, you get **567D80**, and if you desaturate by 10%, it is **707F80**.

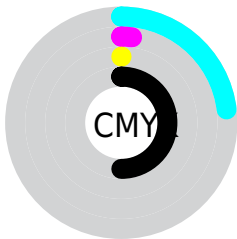
Distribution



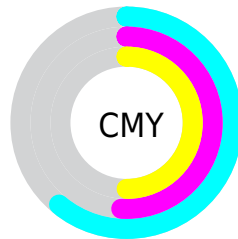
- Red (39%)
- Green (49%)
- Blue (50%)



- Red (39%)
- Yellow (44%)
- Blue (50%)



- Cyan (23%)
- Magenta (2%)
- Yellow (0%)
- Black (50%)



- Cyan (61%)
- Magenta (51%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 637E80 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 637E80 by changing the saturation by 10% instead.

■ 637E80

■ 637E80

FFFFFF

■ 4B6567

■ 96B3B5

■ 334D4F

■ B1CED0

■ 1D3638

■ CDEAED

■ 062123

■ E9FFFF

■ 00060D

■ 000000

■ 637E80

■ 637E80

■ 567D80

■ 707F80

■ 497C80

■ 7D8080

■ 3D7B80

■ 898180

■ 307A80

■ 968280

■ 237A80

■ A38280

■ 167980

■ B08380

■ 097880

■ BD8480

■ 007780

■ C98580

■ D68680

Harmonies

Analogous

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



667E77



637E80



667D87

Triad

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



637E80



837583



827868

Complementary

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



637E80



806563

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.



89756B



637E80



8A737B

Square

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



637E80



797789



8C7472



787B69

Rectangle

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



637E80



6B7B89



8C7472



847769

Sweetspot

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



637E80



9AA5A6



638065



4D5454



D4D4D4



545454

Same Dimension

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



637E80



79A3A6



637080



393F40



007780



000000

Inverse Universe

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



80637E



A679A3



807363



40393F



800077



000000

Previews

White Background



This preview shows how the Hex color 637E80 looks on a white background.

Color Contrast Check

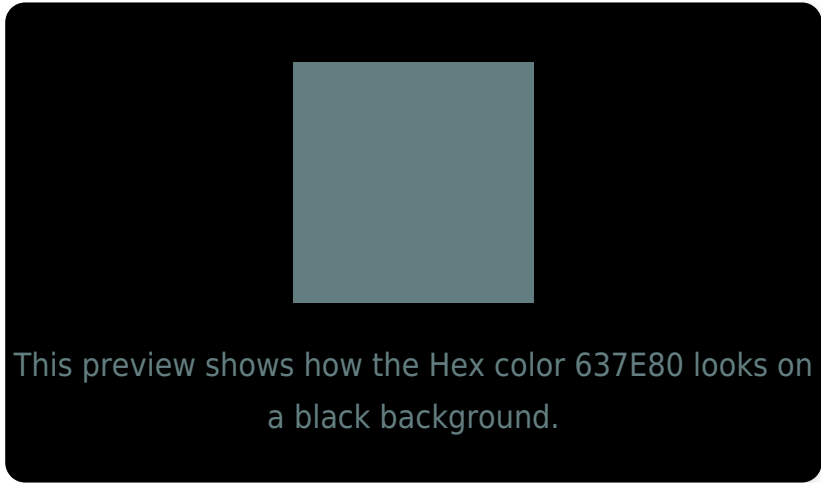
Large Text (above 18pt) WCAG AA ✓ Pass

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

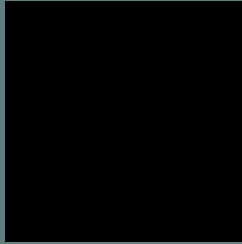
Any Text WCAG AA ✓ Pass

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 637E80 Background



This preview shows how black text looks on a background with the Hex color 637E80.

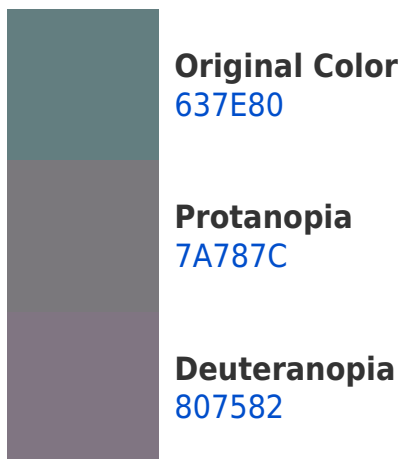


This preview shows how white text looks on a background with the Hex color 637E80.

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
647D87

Trichromacy



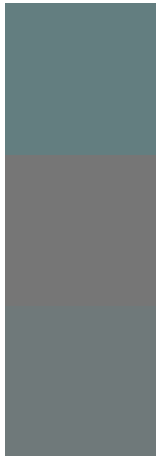
Original Color
637E80

Protanomaly
727A7D

Deuteranomaly
757881

Tritanomaly
647D84

Monochromacy



Original Color
637E80

Achromatopsia
767676

Achromatomaly
6F797A

CSS Examples

Text

The CSS property to change the color of the text to Hex 637E80 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 #637E80 looks like.

```
.text, #text, p{  
    color:#637E80  
}
```

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 #637E80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637E80
}
```

Border

The CSS property to change the border of an element to Hex 637E80 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
#637E80 }
```

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

```
.border{ border-color:#637E80 }
```

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

Here you see how a box with a 4 pixel #637E80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637E80; -webkit-box-shadow:4px 4px  
4px 4px #637E80; box-shadow:4px 4px 4px  
4px #637E80 }
```

Background

The CSS property to change the background color of an element to Hex 637E80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637E80 }
```

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

```
.background{ background-color:#637E80 }
```

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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