

Converting Colors

Hex(637B80)

Have a look what the booklet for
Hex(637B80) contains.

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Color

Hex(637B80)

Conversions

Conversions Part 1

Format	Color
Hex	637B80
RGB	99, 123, 128
RGB Percent	39%, 48%, 50%
CMY	0.6118, 0.5176, 0.4980
CMYK	0.23, 0.04, 0.00, 0.50
HSL	190°, 13%, 45%
HSV	190°, 23%, 50%
XYZ	16.1248, 18.3771, 23.1193
YIQ	116.3940, -15.9090, -3.5330

Conversions

Conversions Part 2

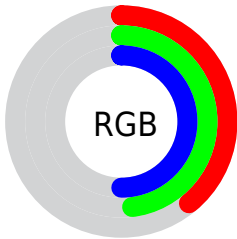
Format	Color
R_{YB}	99, 112, 128
Decimal	6519680
CIE _{Lab}	49.95, -7.48, -5.61
CIE _{LCh}	50, 9.346, 216.885
Yxy	18.3771, 0.2798, 0.3189
Android (android.graphics.Color)	4284709760 (0xFF637B80)
YUV	116.3940, 5.7218, -15.2545
Hunter-Lab	42.8685, -7.8777, -1.9676

Details

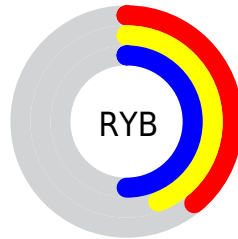
The Hex color **637B80** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **806863**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **96AFB5**, and **334A4F** is the 20% darker color. If you saturate the color by 10%, you get **567980**, and if you desaturate by 10%, it is **707D80**.

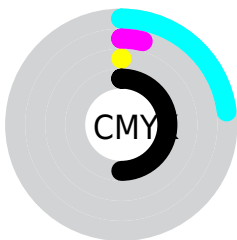
Distribution



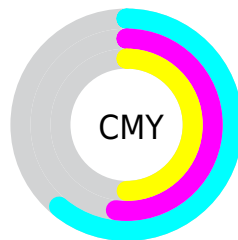
- Red (39%)
- Green (48%)
- Blue (50%)



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



- Cyan (23%)
- Magenta (4%)
- Yellow (0%)
- Black (50%)



- Cyan (61%)
- Magenta (52%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 637B80 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 637B80 by changing the saturation by 10% instead.

■ 637B80

■ 637B80

FFFFFF

■ 4B6267

■ 96AFB5

■ 334A4F

■ B1CBD0

■ 1D3438

■ CDE7ED

■ 071F23

■ E9FFFF

■ 00010D

■ 000000

■ 637B80

■ 637B80

■ 567980

■ 707D80

■ 497780

■ 7D7F80

■ 3D7480

■ 898280

■ 307280

■ 968480

■ 237080

■ A38680

■ 166E80

■ B08880

■ 096C80

■ BD8A80

■ 006A80

■ C98D80

■ D68F80

Harmonies

Analogous

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



647C78



637B80



687985

Triad

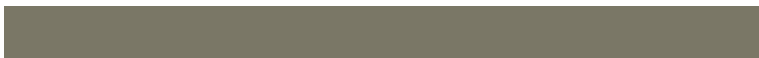
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



637B80



83727D



7B7767

Complementary

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



637B80



806863

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.



837468



637B80



877175

Square

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



637B80



7B7483



87726E



72796A

Rectangle

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



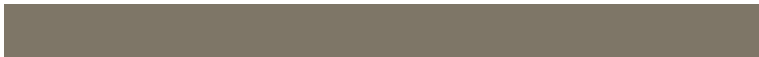
637B80



6D7886



87726E



7E7667

Sweetspot

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



637B80



9AA4A6



638068



4D5354



D4D4D4



545454

Same Dimension

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



637B80



799EA6



636D80



393F40



006A80



000000

Inverse Universe

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



80637B



A6799E



807663



40393F



80006A



000000

Previews

White Background



This preview shows how the Hex color 637B80 looks on a white background.

Color Contrast Check

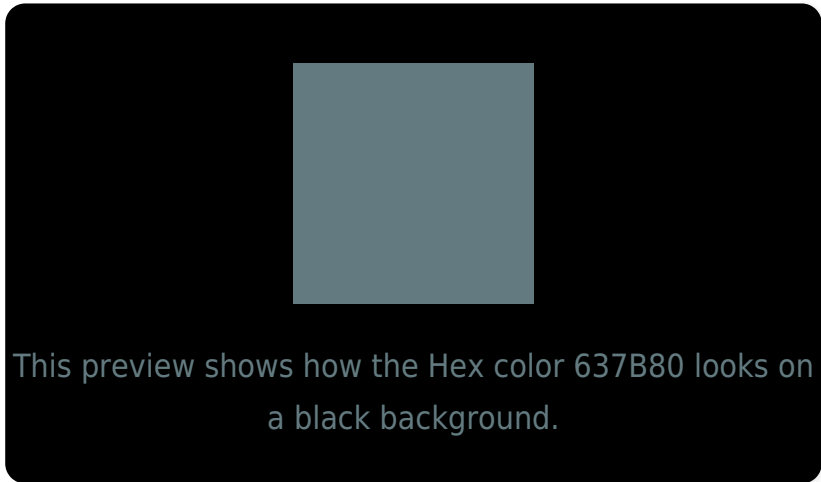
Large Text (above 18pt) WCAG AA ✓ Pass

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

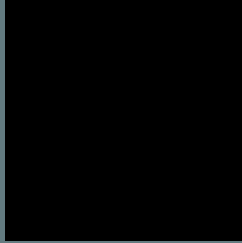
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

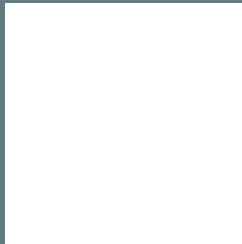
Any Text WCAG AAA × Fail

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

Hex 637B80 Background



This preview shows how black text looks on a background with the Hex color 637B80.

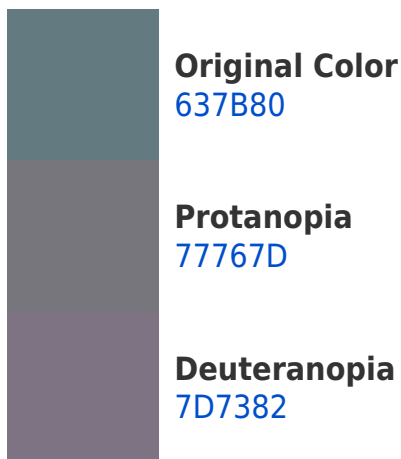



This preview shows how white text looks on a background with the Hex color 637B80.

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](#).

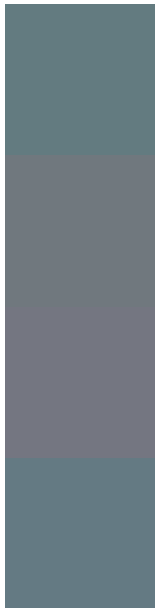
Dichromacy





Tritanopia
647A84

Trichromacy



Original Color
637B80

Protanomaly
70787E

Deuteranomaly
747681

Tritanomaly
647A83

Monochromacy



Original Color
637B80

Achromatopsia
747474

Achromatomaly
6E7778

CSS Examples

Text

The CSS property to change the color of the text to Hex 637B80 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 #637B80 looks like.

```
.text, #text, p{  
    color:#637B80  
}
```

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 #637B80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637B80
}
```

Border

The CSS property to change the border of an element to Hex 637B80 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
#637B80 }
```

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

```
.border{ border-color:#637B80 }
```

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

Here you see how a box with a 4 pixel #637B80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637B80; -webkit-box-shadow:4px 4px  
4px 4px #637B80; box-shadow:4px 4px 4px  
4px #637B80 }
```

Background

The CSS property to change the background color of an element to Hex 637B80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637B80 }
```

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

```
.background{ background-color:#637B80 }
```

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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