

Converting Colors

Hex(637A7E)

Have a look what the booklet for
Hex(637A7E) contains.

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Color

Hex(637A7E)

Conversions

Conversions Part 1

Format	Color
Hex	637A7E
RGB	99, 122, 126
RGB Percent	39%, 48%, 49%
CMY	0.6118, 0.5216, 0.5059
CMYK	0.21, 0.03, 0.00, 0.51
HSL	189°, 12%, 44%
HSV	189°, 21%, 49%
XYZ	15.8710, 18.0781, 22.3916
YIQ	115.5790, -14.9920, -3.6320

Conversions

Conversions Part 2

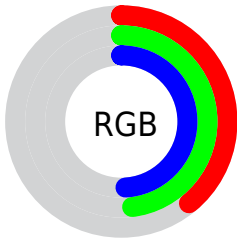
Format	Color
R _Y B	99, 111, 126
Decimal	6519422
CIE Lab	49.59, -7.39, -4.96
CIE LCh	50, 8.898, 213.909
Yxy	18.0781, 0.2817, 0.3209
Android (android.graphics.Color)	4284709502 (0xFF637A7E)
YUV	115.5790, 5.1376, -14.5398
Hunter-Lab	42.5183, -7.7775, -1.4613

Details

The Hex color **637A7E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7E6763**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **96AEB3**, and **34494D** is the 20% darker color. If you saturate the color by 10%, you get **56787E**, and if you desaturate by 10%, it is **707C7E**.

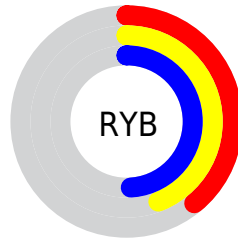
Distribution



Red (39%)

Green (48%)

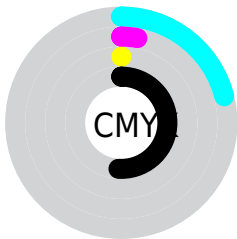
Blue (49%)



Red (39%)

Yellow (44%)

Blue (49%)

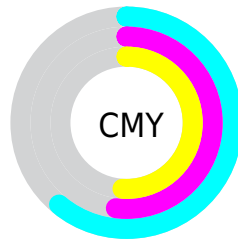


Cyan (21%)

Magenta (3%)

Yellow (0%)

Black (51%)



Cyan (61%)

Magenta (52%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 637A7E 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 637A7E by changing the saturation by 10% instead.

■ 637A7E

■ 637A7E

FFFFFF

■ 4B6165

■ 96AEB3

■ 34494D

■ B1CACE

■ 1D3336

■ CDE6EA

■ 081E21

■ E9FFFF

■ 00000A

■ 000000

■ 637A7E

■ 637A7E

■ 56787E

■ 707C7E

■ 4A767E

■ 7C7E7E

■ 3D747E

■ 89807E

■ 31737E

■ 95817E

■ 24717E

■ A2837E

■ 176F7E

■ AF857E

■ 0B6D7E

■ BB877E

■ 006B7E

■ C8897E

■ D48B7E

Harmonies

Analogous

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



647A77



637A7E



677883

Triad

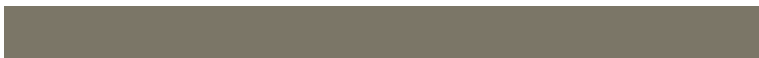
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



637A7E



81727D



7B7667

Complementary

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



637A7E



7E6763

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.



827369



637A7E



867175

Square

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



637A7E



797482



86716E



737869

Rectangle

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



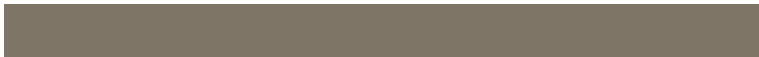
637A7E



6C7785



86716E



7E7567

Sweetspot

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



637A7E



99A2A3



637E67



4C5152



D1D1D1



525252

Same Dimension

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



637A7E



799DA3



636D7E



393F40



006D80



000000

Inverse Universe

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



7E637A



A3799D



7E7463



40393F



80006D



000000

Previews

White Background



This preview shows how the Hex color 637A7E looks on a white background.

Color Contrast Check

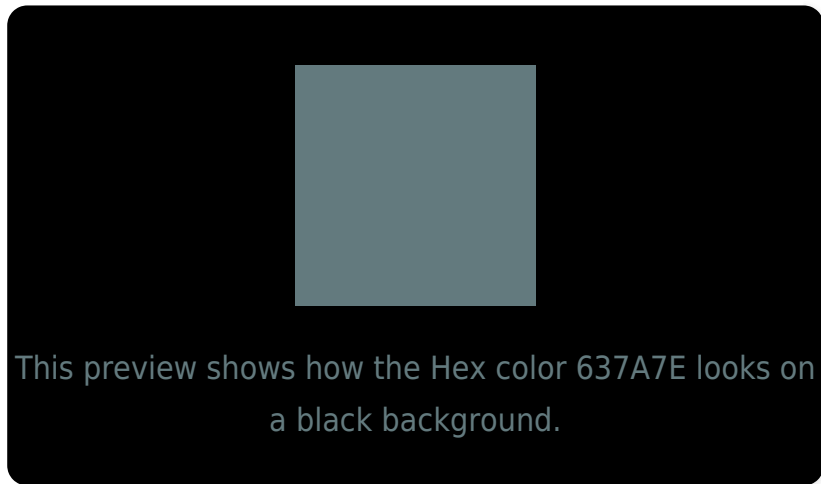
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

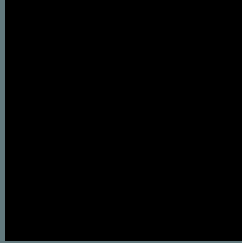
Any Text WCAG AA ✓ Pass

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 637A7E Background



This preview shows how black text looks on a background with the Hex color 637A7E.

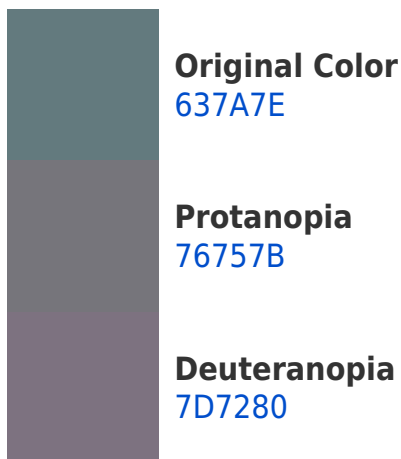


This preview shows how white text looks on a background with the Hex color 637A7E.

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](#).

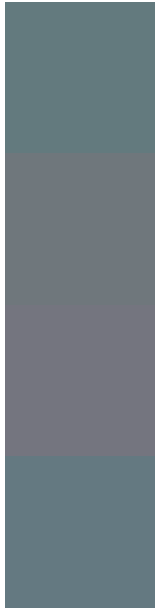
Dichromacy





Tritanopia
647983

Trichromacy



Original Color
637A7E

Protanomaly
6F777C

Deuteranomaly
74757F

Tritanomaly
647981

Monochromacy



Original Color
637A7E

Achromatopsia
747474

Achromatomaly
6E7678

CSS Examples

Text

The CSS property to change the color of the text to Hex 637A7E 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 #637A7E looks like.

```
.text, #text, p{  
    color:#637A7E  
}
```

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 #637A7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637A7E
}
```

Border

The CSS property to change the border of an element to Hex 637A7E 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
#637A7E }
```

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

```
.border{ border-color:#637A7E }
```

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

Here you see how a box with a 4 pixel #637A7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637A7E; -webkit-box-shadow:4px 4px  
4px 4px #637A7E; box-shadow:4px 4px 4px  
4px #637A7E }
```

Background

The CSS property to change the background color of an element to Hex 637A7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637A7E }
```

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

```
.background{ background-color:#637A7E }
```

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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