

Converting Colors

Hex(637E70)

Have a look what the booklet for
Hex(637E70) contains.

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Color

Hex(637E70)

Conversions

Conversions Part 1

Format	Color
Hex	637E70
RGB	99, 126, 112
RGB Percent	39%, 49%, 44%
CMY	0.6118, 0.5059, 0.5608
CMYK	0.21, 0.00, 0.11, 0.51
HSL	149°, 12%, 44%
HSV	149°, 21%, 49%
XYZ	15.5311, 18.7442, 18.1287
YIQ	116.3310, -11.5980, -10.0780

Conversions

Conversions Part 2

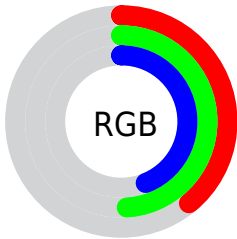
Format	Color
R _Y B	99, 117, 126
Decimal	6520432
CIE Lab	50.39, -12.80, 4.43
CIE LCh	50, 13.542, 160.892
Yxy	18.7442, 0.2964, 0.3577
Android (android.graphics.Color)	4284710512 (0xFF637E70)
YUV	116.3310, -2.1352, -15.1993
Hunter-Lab	43.2946, -11.7322, 5.4798

Details

The Hex color **637E70** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **7E6371**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **96B3A4**, and **344D40** is the 20% darker color. If you saturate the color by 10%, you get **567E69**, and if you desaturate by 10%, it is **707E77**.

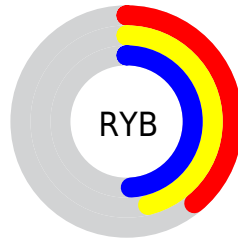
Distribution



Red (39%)

Green (49%)

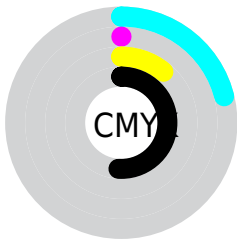
Blue (44%)



Red (39%)

Yellow (46%)

Blue (49%)

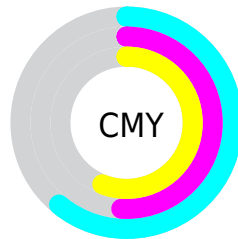


Cyan (21%)

Magenta (0%)

Yellow (11%)

Black (51%)



Cyan (61%)

Magenta (51%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 637E70 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 637E70 by changing the saturation by 10% instead.

637E70

637E70

FFFFFF

4B6558

96B3A4

344D40

B1CEBF

1E362A

CDEBDB

082116

E9FFF7

000300

000000

637E70

637E70

567E69

707E77

4A7E63

7C7E7D

■ 3D7E5C

■ 897E84

■ 317E56

■ 957E8A

■ 247E4F

■ A27E91

■ 177E49

■ AF7E97

■ 0B7E42

■ BB7E9E

■ 007E3D

■ C87EA4

■ D47EAB

Harmonies

Analogous

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



6F7C66



637E70



5B7F7C

Triad

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



637E70



70778E



8F7169

Complementary

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



637E70



7E6371

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.



907074



637E70



7F7489

Square

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



637E70



627B8D



8A7180



887562

Rectangle

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



637E70



597E83



8A7180



90716D

Sweetspot

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



637E70



99A39E



717E63



4C524F



D1D1D1



525252

Same Dimension

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



637E70



79A38D



637E7D



39403C



00803D



000000

Inverse Universe

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



7E6371



A3798F



7E6364



40393D



800042



000000

Previews

White Background



This preview shows how the Hex color 637E70 looks on a white background.

Color Contrast Check

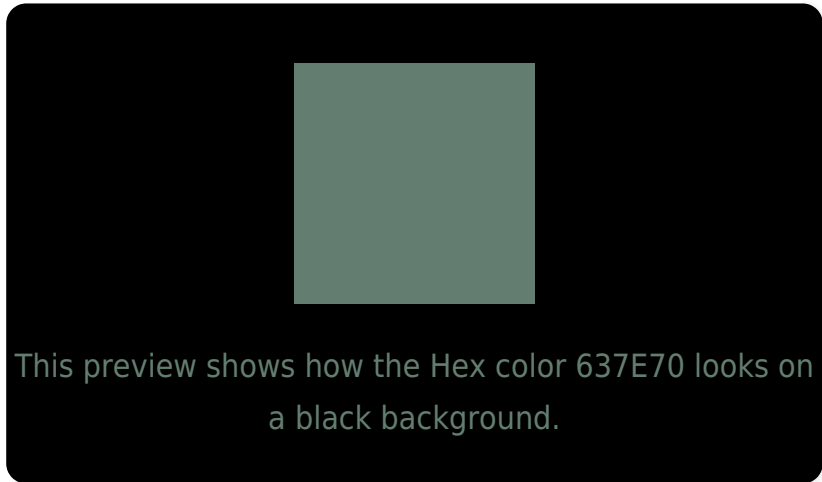
Large Text (above 18pt) WCAG AA ✓ Pass

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

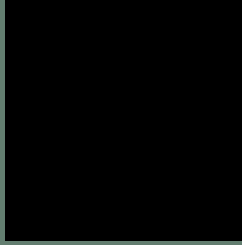
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

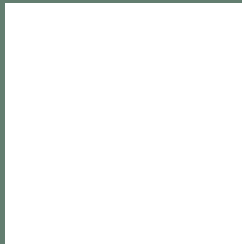
Any Text WCAG AAA × Fail

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

Hex 637E70 Background



This preview shows how black text looks on a background with the Hex color 637E70.

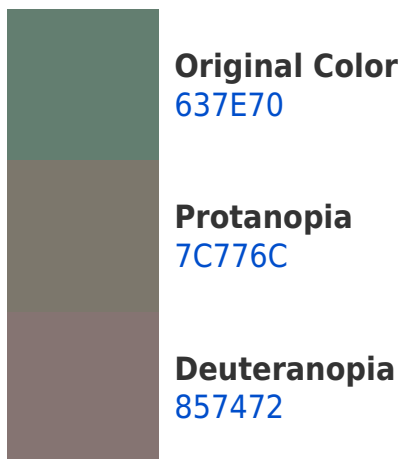


This preview shows how white text looks on a background with the Hex color 637E70.

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](#).

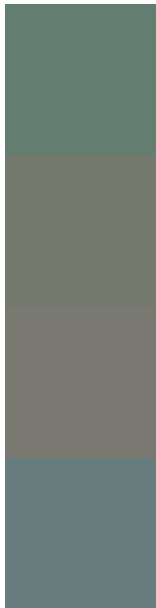
Dichromacy





Tritanopia
677B85

Trichromacy



Original Color
637E70

Protanomaly
737A6D

Deuteranomaly
797871

Tritanomaly
667C7D

Monochromacy



Original Color
637E70

Achromatopsia
747474

Achromatomaly
6E7873

CSS Examples

Text

The CSS property to change the color of the text to Hex 637E70 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 #637E70 looks like.

```
.text, #text, p{  
    color:#637E70  
}
```

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 #637E70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637E70
}
```

Border

The CSS property to change the border of an element to Hex 637E70 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
#637E70 }
```

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

```
.border{ border-color:#637E70 }
```

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

Here you see how a box with a 4 pixel #637E70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637E70; -webkit-box-shadow:4px 4px  
4px 4px #637E70; box-shadow:4px 4px 4px  
4px #637E70 }
```

Background

The CSS property to change the background color of an element to Hex 637E70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637E70 }
```

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

```
.background{ background-color:#637E70 }
```

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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