

Converting Colors

Hex(63707E)

Have a look what the booklet for
Hex(63707E) contains.

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Color

Hex(63707E)

Conversions

Conversions Part 1

Format	Color
Hex	63707E
RGB	99, 112, 126
RGB Percent	39%, 44%, 49%
CMY	0.6118, 0.5608, 0.5059
CMYK	0.21, 0.11, 0.00, 0.51
HSL	211°, 12%, 44%
HSV	211°, 21%, 49%
XYZ	14.7057, 15.7473, 22.0031
YIQ	109.7090, -12.2420, 1.5980

Conversions

Conversions Part 2

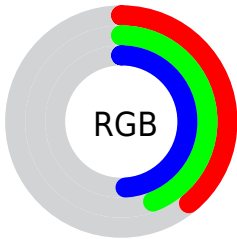
Format	Color
R_{YB}	99, 108, 126
Decimal	6516862
CIE _{Lab}	46.64, -1.58, -9.36
CIE _{LCh}	47, 9.496, 260.403
Yxy	15.7473, 0.2803, 0.3002
Android (android.graphics.Color)	4284706942 (0xFF63707E)
YUV	109.7090, 8.0315, -9.3918
Hunter-Lab	39.6829, -3.2968, -5.0967

Details

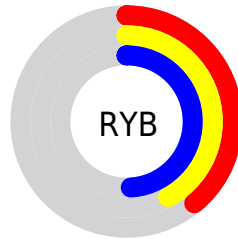
The Hex color **63707E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7E7163**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **96A4B3**, and **34404D** is the 20% darker color. If you saturate the color by 10%, you get **56697E**, and if you desaturate by 10%, it is **70777E**.

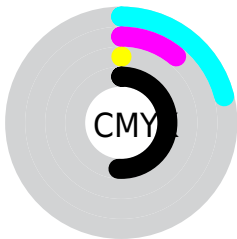
Distribution



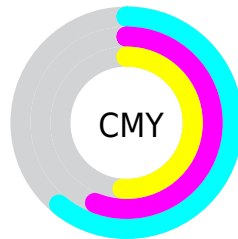
- Red (39%)
- Green (44%)
- Blue (49%)



- Red (39%)
- Yellow (42%)
- Blue (49%)



- Cyan (21%)
- Magenta (11%)
- Yellow (0%)
- Black (51%)



- Cyan (61%)
- Magenta (56%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63707E 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 63707E by changing the saturation by 10% instead.

■ 63707E

■ 63707E

FFFFFF

■ 4B5865

■ 96A4B3

■ 34404D

■ B1BFCE

■ 1E2A36

■ CCDBEA

■ 081621

■ E9F7FF

■ 000009

■ 000000

■ 63707E

■ 63707E

■ 56697E

■ 70777E

■ 4A637E

■ 7C7D7E

■ 3D5C7E

■ 89847E

■ 31567E

■ 958A7E

■ 244F7E

■ A2917E

■ 17497E

■ AF977E

■ 0B427E

■ BB9E7E

■ 003D7E

■ C8A47E

■ D4AB7E

Harmonies

Analogous

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



5C727A



63707E



6D6D7D

Triad

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



63707E



806969



667264

Complementary

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



63707E



7E7163

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.



6F7060



63707E



7E6B63

Square

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



63707E



7D6971



786D5F



5E736C

Rectangle

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



63707E



746C7B



786D5F



697162

Sweetspot

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



63707E



999EA3



637E71



4C4F52



D1D1D1



525252

Same Dimension

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



63707E



798DA3



63637E



393C40



003D80



000000

Inverse Universe

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



7E6370



A3798D



7E7E63



40393C



80003D



000000

Previews

White Background



This preview shows how the Hex color 63707E looks on a white background.

Color Contrast Check

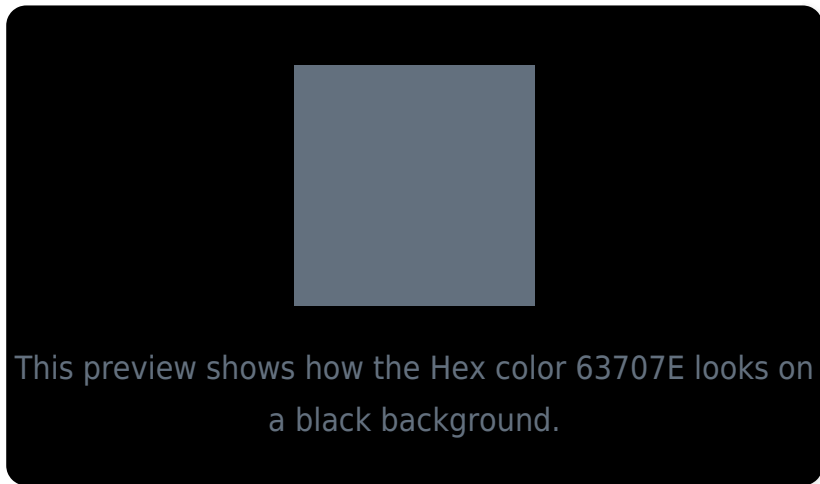
Large Text (above 18pt) WCAG AA ✓ Pass

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

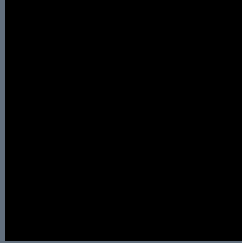
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

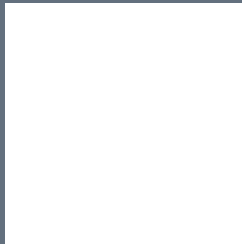
Any Text WCAG AAA × Fail

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

Hex 63707E Background



This preview shows how black text looks on a background with the Hex color 63707E.



This preview shows how white text looks on a background with the Hex color 63707E.

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



Original Color
63707E

Protanopia
6C6E7C

Deuteranopia
716C7F



Tritanopia
62717A

Trichromacy



Original Color
63707E

Protanomaly
696F7D

Deuteranomaly
6C6D7F

Tritanomaly
62717B

Monochromacy



Original Color
63707E

Achromatopsia
6E6E6E

Achromatomaly
6A6F74

CSS Examples

Text

The CSS property to change the color of the text to Hex 63707E 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 #63707E looks like.

```
.text, #text, p{  
    color:#63707E  
}
```

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 #63707E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63707E
}
```

Border

The CSS property to change the border of an element to Hex 63707E is called "border". The border property can be set on classes, ids or directly on the HTML element.

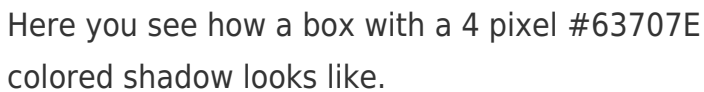
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63707E }
```

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

```
.border{ border-color:#63707E }
```

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



Here you see how a box with a 4 pixel #63707E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63707E; -webkit-box-shadow:4px 4px  
4px 4px #63707E; box-shadow:4px 4px 4px  
4px #63707E }
```

Background

The CSS property to change the background color of an element to Hex 63707E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63707E }
```

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

```
.background{ background-color:#63707E }
```

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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