

Converting Colors

Hex(63707B)

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

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Color

Hex(63707B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 63707B |
| RGB | 99, 112, 123 |
| RGB Percent | 39%, 44%, 48% |
| CMY | 0.6118, 0.5608, 0.5176 |
| CMYK | 0.20, 0.09, 0.00, 0.52 |
| HSL | 208°, 11%, 44% |
| HSV | 208°, 20%, 48% |
| XYZ | 14.5149, 15.6711, 20.9987 |
| YIQ | 109.3670, -11.2790, 0.6650 |

Conversions

Conversions Part 2

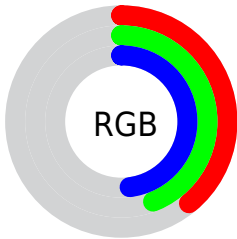
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 99, 107, 123 |
| Decimal | 6516859 |
| CIE Lab | 46.54, -2.31, -7.72 |
| CIE LCh | 47, 8.062, 253.336 |
| Yxy | 15.6711, 0.2836, 0.3062 |
| Android (android.graphics.Color) | 4284706939 (0xFF63707B) |
| YUV | 109.3670, 6.7211, -9.0919 |
| Hunter-Lab | 39.5867, -3.8276, -3.7396 |

Details

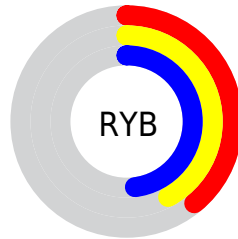
The Hex color **63707B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7B6E63**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **96A4AF**, and **34404A** is the 20% darker color. If you saturate the color by 10%, you get **576A7B**, and if you desaturate by 10%, it is **6F767B**.

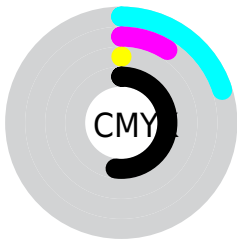
Distribution



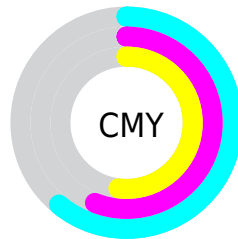
- Red (39%)
- Green (44%)
- Blue (48%)



- Red (39%)
- Yellow (42%)
- Blue (48%)



- Cyan (20%)
- Magenta (9%)
- Yellow (0%)
- Black (52%)



- Cyan (61%)
- Magenta (56%)
- Yellow (52%)

Brightness & Saturation Gradients

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



63707B



63707B

FFFFFF



4B5862



96A4AF



34404A



B1BFCB



1E2A34



CCDBE7



08161F



E9F7FF



000004



000000



63707B



63707B



576A7B



6F767B



4A657B



7C7B7B

■ 3E5F7B

■ 88817B

■ 32597B

■ 94877B

■ 25547B

■ A18C7B

■ 194E7B

■ AD927B

■ 0D497B

■ B9977B

■ 01437B

■ C59D7B

■ 00437B

■ D2A37B

Harmonies

Analogous

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



5E7277



63707B



6B6E7B

Triad

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



63707B



7D6A6B



697164

Complementary

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



63707B



7B6E63

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.



716F61



63707B



7C6B65

Square

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



63707B



7A6A72



786D62



62726A

Rectangle

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



63707B



716C7A



786D62



6B7063

Sweetspot

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



63707B



979CA1



637B6E



4C4F52



D1D1D1



525252

Same Dimension

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



63707B



7C90A1



63647B



373A3D



00447D



0089FC

Inverse Universe

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



7B6370



A17C90



7B7A63



3D373A



7D0044



FC0089

Previews

White Background



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

Color Contrast Check

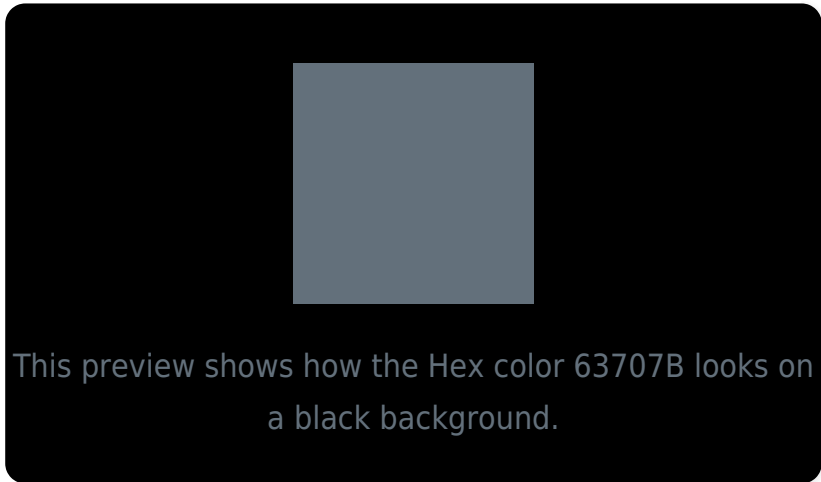
Large Text (above 18pt) WCAG AA ✓ Pass

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

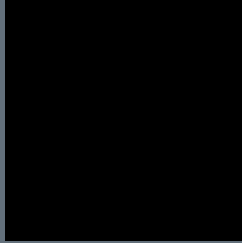
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

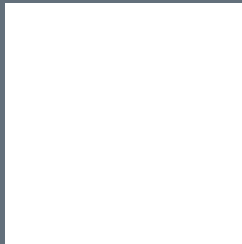
Any Text WCAG AAA × Fail

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

Hex 63707B Background



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



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

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
63707B

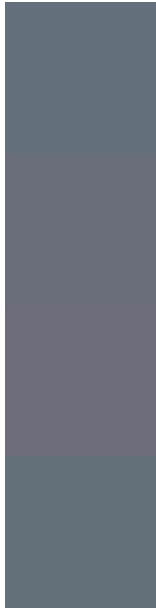
Protanopia
6D6D79

Deuteranopia
726B7C



Tritanopia
637079

Trichromacy



Original Color
63707B

Protanomaly
696E7A

Deuteranomaly
6D6D7C

Tritanomaly
63707A

Monochromacy



Original Color
63707B

Achromatopsia
6D6D6D

Achromatomaly
696E72

CSS Examples

Text

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

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

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 #63707B colored shadow looks like.

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

Border

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

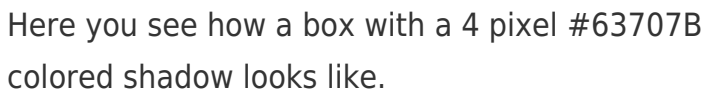
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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