

Converting Colors

Hex(63727B)

Have a look what the booklet for
Hex(63727B) contains.

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Color

Hex(63727B)

Conversions

Conversions Part 1

Format	Color
Hex	63727B
RGB	99, 114, 123
RGB Percent	39%, 45%, 48%
CMY	0.6118, 0.5529, 0.5176
CMYK	0.20, 0.07, 0.00, 0.52
HSL	202°, 11%, 44%
HSV	202°, 20%, 48%
XYZ	14.7381, 16.1173, 21.0731
YIQ	110.5410, -11.8290, -0.3810

Conversions

Conversions Part 2

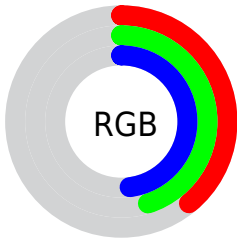
Format	Color
R_{YB}	99, 108, 123
Decimal	6517371
CIE _{Lab}	47.13, -3.48, -6.85
CIE _{LCh}	47, 7.682, 243.025
Yxy	16.1173, 0.2838, 0.3104
Android (android.graphics.Color)	4284707451 (0xFF63727B)
YUV	110.5410, 6.1423, -10.1215
Hunter-Lab	40.1464, -4.7275, -3.0192

Details

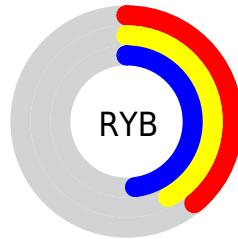
The Hex color **63727B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7B6C63**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **96A6AF**, and **34424A** is the 20% darker color. If you saturate the color by 10%, you get **576D7B**, and if you desaturate by 10%, it is **6F777B**.

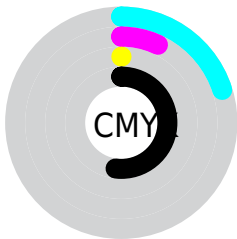
Distribution



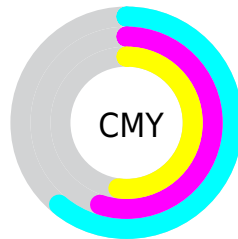
- Red (39%)
- Green (45%)
- Blue (48%)



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



- Cyan (20%)
- Magenta (7%)
- Yellow (0%)
- Black (52%)



- Cyan (61%)
- Magenta (55%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63727B 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 63727B by changing the saturation by 10% instead.

■ 63727B

■ 63727B

FFFFFF

■ 4B5A62

■ 96A6AF

■ 34424A

■ B1C1CB

■ 1E2C34

■ CCDDE7

■ 08181F

■ E9F9FF

■ 000005

■ 000000

■ 63727B

■ 63727B

■ 576D7B

■ 6F777B

■ 4A697B

■ 7C7B7B

■ 3E647B

■ 88807B

■ 32607B

■ 94847B

■ 255B7B

■ A1897B

■ 19567B

■ AD8E7B

■ 0D527B

■ B9927B

■ 014D7B

■ C5977B

■ 004D7B

■ D29C7B

Harmonies

Analogous

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



607376



63727B



6A707C

Triad

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



63727B



7D6B6F



6D7265

Complementary

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



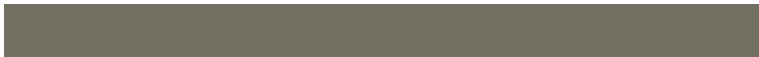
63727B



7B6C63

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.



746F63



63727B



7E6C69

Square

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



63727B



796C76



7A6D64



66736A

Rectangle

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



63727B



6F6F7C



7A6D64



707164

Sweetspot

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



63727B



979DA1



637B6C



4C4F52



D1D1D1



525252

Same Dimension

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



63727B



7C93A1



63667B



373B3D



004E7D



009EFC

Inverse Universe

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



7B6372



A17C93



7B7863



3D373B



7D004E



FC009E

Previews

White Background



This preview shows how the Hex color 63727B looks on a white background.

Color Contrast Check

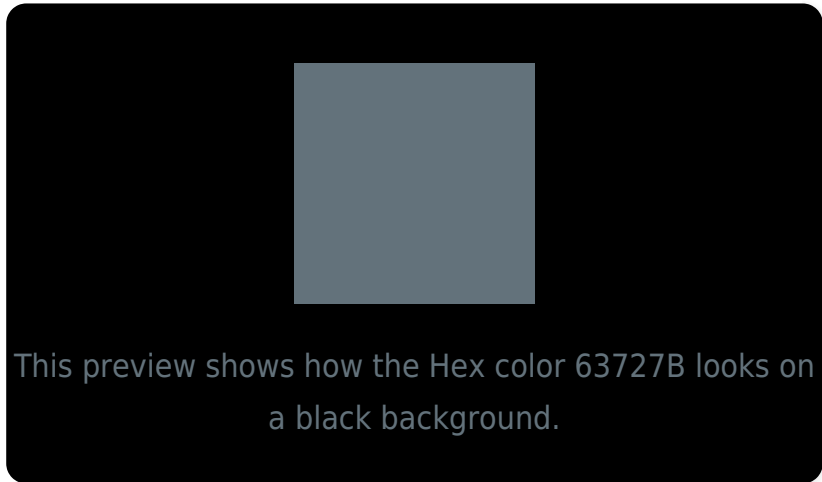
Large Text (above 18pt) WCAG AA ✓ Pass

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

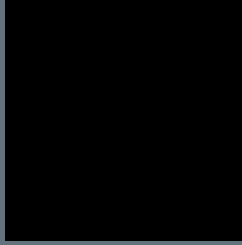
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

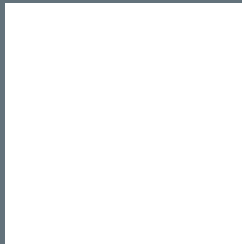
Any Text WCAG AAA × Fail

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

Hex 63727B Background



This preview shows how black text looks on a background with the Hex color 63727B.



This preview shows how white text looks on a background with the Hex color 63727B.

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

63727B

Protanopia

6F6F79

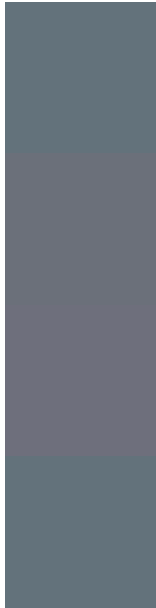
Deuteranopia

756D7C



Tritanopia
63727B

Trichromacy



Original Color
63727B

Protanomaly
6B707A

Deuteranomaly
6E6F7C

Tritanomaly
63727B

Monochromacy



Original Color
63727B

Achromatopsia
6F6F6F

Achromatomaly
6B7073

CSS Examples

Text

The CSS property to change the color of the text to Hex 63727B 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 #63727B looks like.

```
.text, #text, p{  
    color:#63727B  
}
```

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 #63727B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63727B
}
```

Border

The CSS property to change the border of an element to Hex 63727B 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
#63727B }
```

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

```
.border{ border-color:#63727B }
```

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

Here you see how a box with a 4 pixel #63727B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63727B; -webkit-box-shadow:4px 4px  
4px 4px #63727B; box-shadow:4px 4px 4px  
4px #63727B }
```

Background

The CSS property to change the background color of an element to Hex 63727B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63727B }
```

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

```
.background{ background-color:#63727B }
```

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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