

Converting Colors

Hex(757E7B)

Have a look what the booklet for
Hex(757E7B) contains.

Hex(757E7B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(757E7B)

Conversions

Conversions Part 1

Format	Color
Hex	757E7B
RGB	117, 126, 123
RGB Percent	46%, 49%, 48%
CMY	0.5412, 0.5059, 0.5176
CMYK	0.07, 0.00, 0.02, 0.51
HSL	160°, 4%, 48%
HSV	160°, 7%, 49%
XYZ	18.3721, 20.1337, 21.6568
YIQ	122.9670, -4.4010, -2.8410

Conversions

Conversions Part 2

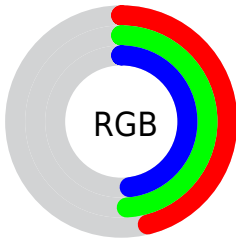
Format	Color
R_{YB}	117, 122, 126
Decimal	7700091
CIE Lab	51.99, -3.95, 0.47
CIE LCh	52, 3.983, 173.152
Yxy	20.1337, 0.3054, 0.3347
Android (android.graphics.Color)	4285890171 (0xFF757E7B)
YUV	122.9670, 0.0163, -5.2331
Hunter-Lab	44.8706, -5.4372, 2.7931

Details

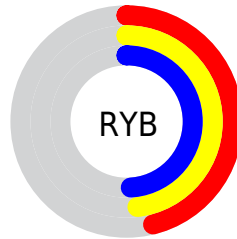
The Hex color **757E7B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7E7578**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **A9B3AF**, and **454D4A** is the 20% darker color. If you saturate the color by 10%, you get **687E77**, and if you desaturate by 10%, it is **827E7F**.

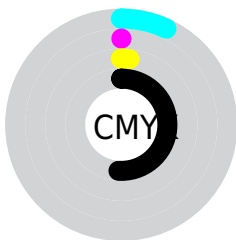
Distribution



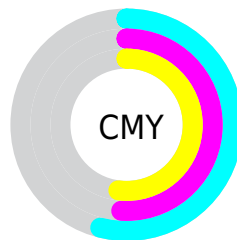
- Red (46%)
- Green (49%)
- Blue (48%)



- Red (46%)
- Yellow (48%)
- Blue (49%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (51%)



- Cyan (54%)
- Magenta (51%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 757E7B 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 757E7B by changing the saturation by 10% instead.

■ 757E7B

■ 757E7B

FFFFFF

■ 5C6562

■ A9B3AF

■ 454D4A

■ C4CECB

■ 2F3634

■ E0EAE7

■ 1A211F

FDFEFF

■ 000A06

■ 000000

■ 757E7B

■ 757E7B

■ 687E77

■ 827E7F

■ 5C7E73

■ 8E7E83

■ 4F7E6E

■ 9B7E88

■ 437E6A

■ A77E8C

■ 367E66

■ B47E90

■ 297E62

■ C17E94

■ 1D7E5E

■ CD7E98

■ 107E59

■ DA7E9D

■ 047E55

■ E67EA1

Harmonies

Analogous

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



787D78



757E7B



747E7E

Triad

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



757E7B



7C7B82



837A77

Complementary

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



757E7B



7E7578

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.



847A79



757E7B



807A80

Square

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



757E7B



787C83



837A7D



807B75

Rectangle

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



757E7B



747E80



837A7D



837A77

Sweetspot

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



757E7B



A0A3A2



787E75



505251



D1D1D1



525252

Same Dimension

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



757E7B



95A39E



757D7E



39403E



008055



000000

Inverse Universe

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



7E7578



A39599



7E7775



40393C



80002B



000000

Previews

White Background



This preview shows how the Hex color 757E7B looks on a white background.

Color Contrast Check

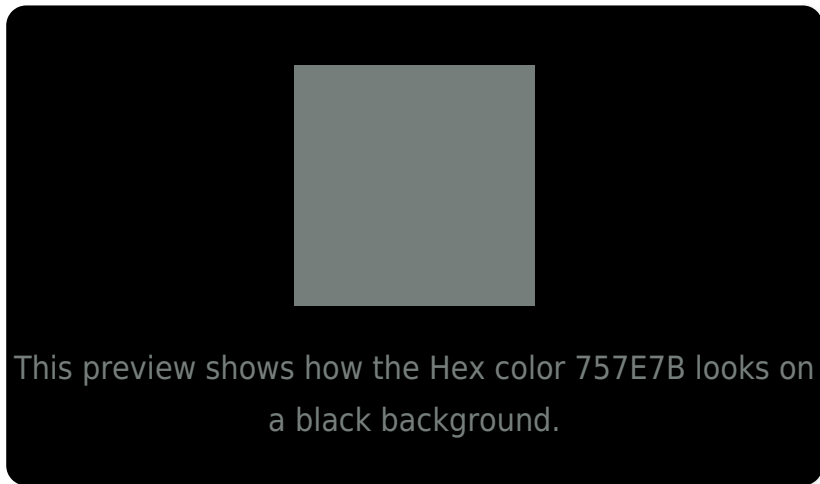
Large Text (above 18pt) WCAG AA ✓ Pass

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

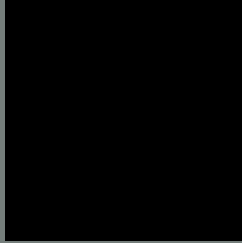
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

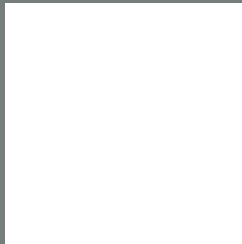
Any Text WCAG AAA × Fail

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

Hex 757E7B Background



This preview shows how black text looks on a background with the Hex color 757E7B.



This preview shows how white text looks on a background with the Hex color 757E7B.

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
757E7B

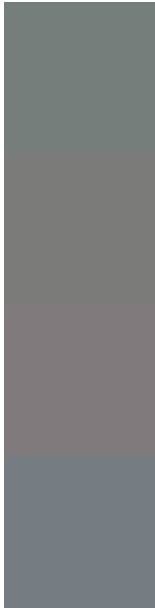
Protanopia
7F7B79

Deuteranopia
87787C



Tritanopia
777C86

Trichromacy



Original Color

757E7B

Protanomaly

7B7C7A

Deuteranomaly

807A7C

Tritanomaly

767D82

Monochromacy



Original Color

757E7B

Achromatopsia

7B7B7B

Achromatomaly

797C7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 757E7B 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 #757E7B looks like.

```
.text, #text, p{  
    color:#757E7B  
}
```

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 #757E7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #757E7B  
}
```

Border

The CSS property to change the border of an element to Hex 757E7B is called "border". The border property can be set on classes, ids or directly on the HTML element.

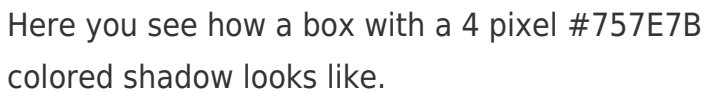
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#757E7B }
```

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

```
.border{ border-color:#757E7B }
```

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



Here you see how a box with a 4 pixel #757E7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #757E7B; -webkit-box-shadow:4px 4px  
4px 4px #757E7B; box-shadow:4px 4px 4px  
4px #757E7B }
```

Background

The CSS property to change the background color of an element to Hex 757E7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#757E7B }
```

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

```
.background{ background-color:#757E7B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor