

Converting Colors

Hex(61807E)

Have a look what the booklet for
Hex(61807E) contains.

Hex(61807E)	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(61807E)

Conversions

Conversions Part 1

Format	Color
Hex	61807E
RGB	97, 128, 126
RGB Percent	38%, 50%, 49%
CMY	0.6196, 0.4980, 0.5059
CMYK	0.24, 0.00, 0.02, 0.50
HSL	176°, 14%, 44%
HSV	176°, 24%, 50%
XYZ	16.4148, 19.4861, 22.6347
YIQ	118.5030, -17.8340, -7.1940

Conversions

Conversions Part 2

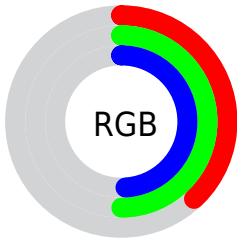
Format	Color
R_{YB}	97, 113, 128
Decimal	6389886
CIE _{Lab}	51.25, -11.43, -2.53
CIE _{LCh}	51, 11.709, 192.464
Yxy	19.4861, 0.2804, 0.3329
Android (android.graphics.Color)	4284579966 (0xFF61807E)
YUV	118.5030, 3.6960, -18.8581
Hunter-Lab	44.1430, -10.8741, 0.4987

Details

The Hex color **61807E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **806163**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **94B5B3**, and **314F4D** is the 20% darker color. If you saturate the color by 10%, you get **54807D**, and if you desaturate by 10%, it is **6E807F**.

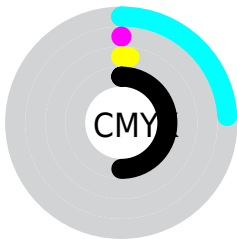
Distribution



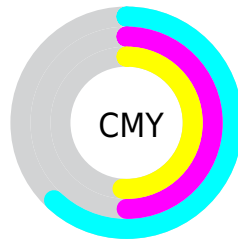
- Red (38%)
- Green (50%)
- Blue (49%)



- Red (38%)
- Yellow (44%)
- Blue (50%)



- Cyan (24%)
- Magenta (0%)
- Yellow (2%)
- Black (50%)



- Cyan (62%)
- Magenta (50%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61807E 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 61807E by changing the saturation by 10% instead.



61807E



61807E

FFFFFF



496765



94B5B3



314F4D



AFD0CE



1A3836



CBEDEA



042221



E7FFFF



00090A



000000



61807E



61807E



54807D



6E807F



47807C



7B8080

■ 3B807C

■ 878080

■ 2E807B

■ 948081

■ 21807A

■ A18082

■ 148079

■ AE8083

■ 078078

■ BB8084

■ 008078

■ C78085

■ D48085

Harmonies

Analogous

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



688074



61807E



617F87

Triad

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



61807E



817689



887767

Complementary

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



61807E



806163

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.



8E756D



61807E



8B7480

Square

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



61807E



747A8D



8F7376



7E7B67

Rectangle

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



61807E



657E8B



8F7376



8A7669

Sweetspot

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



61807E



9AA6A5



638061



4D5454



D4D4D4



545454

Same Dimension

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



61807E



76A6A3



617380



39403F



008077



000000

Inverse Universe

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



806163



A67679



806E61



40393A



800008



000000

Previews

White Background



This preview shows how the Hex color 61807E looks on a white background.

Color Contrast Check

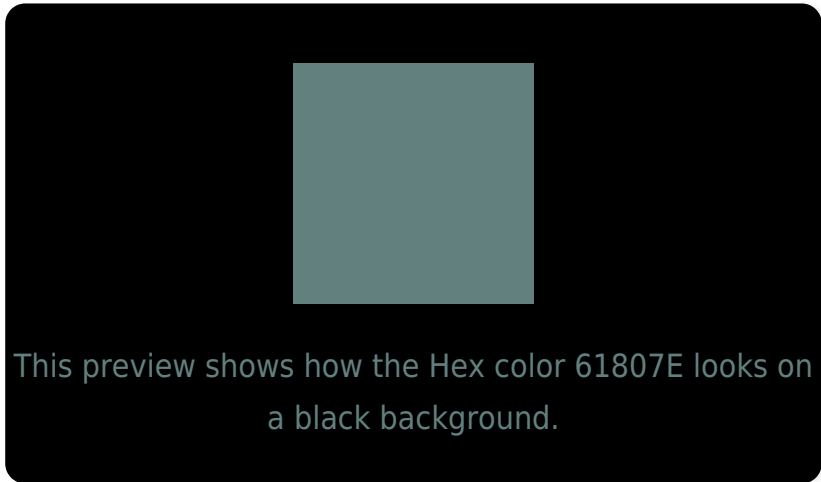
Large Text (above 18pt) WCAG AA ✓ Pass

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

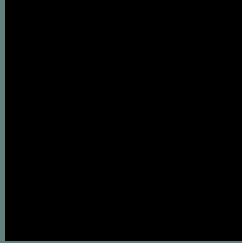
Any Text WCAG AA ✓ Pass

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 61807E Background



This preview shows how black text looks on a background with the Hex color 61807E.

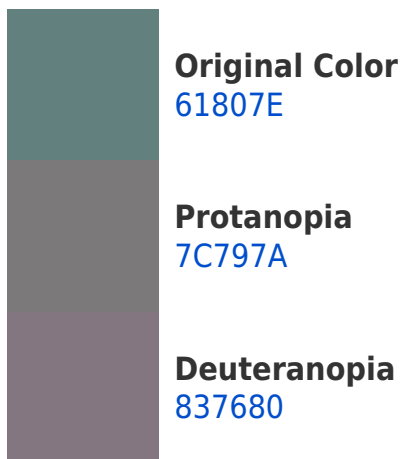


This preview shows how white text looks on a background with the Hex color 61807E.

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
637E89

Trichromacy



Original Color
61807E

Protanomaly
727C7B

Deuteranomaly
777A7F

Tritanomaly
627F85

Monochromacy



Original Color
61807E

Achromatopsia
777777

Achromatomaly
6F7A7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 61807E 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 #61807E looks like.

```
.text, #text, p{  
    color:#61807E  
}
```

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 #61807E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61807E
}
```

Border

The CSS property to change the border of an element to Hex 61807E 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".

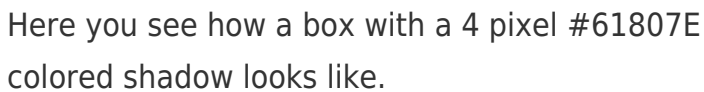
```
.border, #border, table{ border:4px solid
#61807E }
```

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

```
.border{ border-color:#61807E }
```

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

Here you see how a box with a 4 pixel #61807E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61807E; -webkit-box-shadow:4px 4px  
4px 4px #61807E; box-shadow:4px 4px 4px  
4px #61807E }
```

Background

The CSS property to change the background color of an element to Hex 61807E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61807E }
```

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

```
.background{ background-color:#61807E }
```

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