

Converting Colors

Hex(55807E)

Have a look what the booklet for
Hex(55807E) contains.

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Color

Hex(55807E)

Conversions

Conversions Part 1

Format	Color
Hex	55807E
RGB	85, 128, 126
RGB Percent	33%, 50%, 49%
CMY	0.6667, 0.4980, 0.5059
CMYK	0.34, 0.00, 0.02, 0.50
HSL	177°, 20%, 42%
HSV	177°, 34%, 50%
XYZ	15.2314, 18.8760, 22.5793
YIQ	114.9150, -24.9860, -9.7380

Conversions

Conversions Part 2

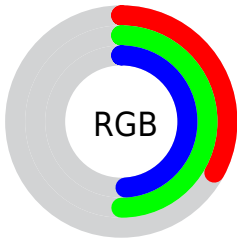
Format	Color
RYB	85, 107, 128
Decimal	5603454
CIELab	50.54, -15.23, -3.65
CIELCh	51, 15.666, 193.485
Yxy	18.8760, 0.2687, 0.3330
Android (android.graphics.Color)	4283793534 (0xFF55807E)
YUV	114.9150, 5.4649, -26.2355
Hunter-Lab	43.4465, -13.4533, -0.4007

Details

The Hex color **55807E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **805557**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **88B5B3**, and **244F4D** is the 20% darker color. If you saturate the color by 10%, you get **48807D**, and if you desaturate by 10%, it is **62807F**.

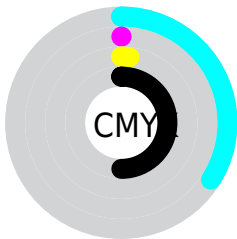
Distribution



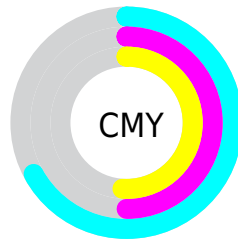
- Red (33%)
- Green (50%)
- Blue (49%)



- Red (33%)
- Yellow (42%)
- Blue (50%)



- Cyan (34%)
- Magenta (0%)
- Yellow (2%)
- Black (50%)



- Cyan (67%)
- Magenta (50%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55807E 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 55807E by changing the saturation by 10% instead.

■ 55807E

■ 55807E

FFFFFF

■ 3C6765

■ 88B5B3

■ 244F4D

■ A3D1CE

■ 093836

■ BFEDEA

■ 002221

■ DBFFFF

■ 00040B

■ F8FFFF

■ 000000

■ 55807E

■ 55807E

■ 48807D

■ 62807F

■ 3B807D

■ 6F807F

■ 2F807C

■ 7B8080

■ 22807C

■ 888080

■ 15807B

■ 958081

■ 08807A

■ A28082

■ 00807A

■ AF8082

■ BB8083

■ C88083

Harmonies

Analogous

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



5F7F70



55807E



557F8A

Triad

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



55807E



82738C



89755F

Complementary

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



55807E



805557

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.



927167



55807E



8E7080

Square

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



55807E



717792



946F73



7C795E

Rectangle

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



55807E



5B7D90



946F73



8D7361

Sweetspot

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



55807E



95A6A5



578055



4A5454



D4D4D4



545454

Same Dimension

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



55807E



63A6A3



556D80



39403F



00807A



000000

Inverse Universe

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



805557



A66367



806855



40393A



800006



000000

Previews

White Background



This preview shows how the Hex color 55807E looks on a white background.

Color Contrast Check

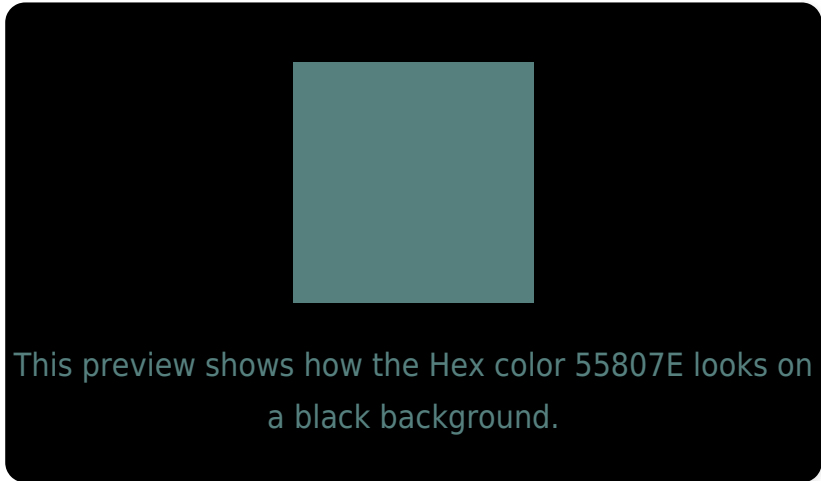
Large Text (above 18pt) WCAG AA ✓ Pass

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

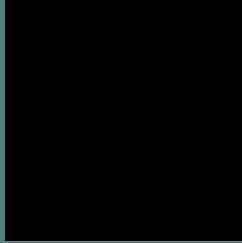
Any Text WCAG AA ✓ Pass

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 55807E Background



This preview shows how black text looks on a background with the Hex color 55807E.



This preview shows how white text looks on a background with the Hex color 55807E.

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
55807E

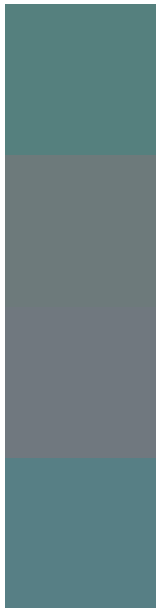
Protanopia
7A7779

Deuteranopia
807480



Tritanopia
587E89

Trichromacy



Original Color
55807E

Protanomaly
6D7A7B

Deuteranomaly
70787F

Tritanomaly
577F85

Monochromacy



Original Color
55807E

Achromatopsia
737373

Achromatomaly
687877

CSS Examples

Text

The CSS property to change the color of the text to Hex 55807E 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 #55807E looks like.

```
.text, #text, p{  
    color:#55807E  
}
```

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 #55807E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55807E
}
```

Border

The CSS property to change the border of an element to Hex 55807E 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".

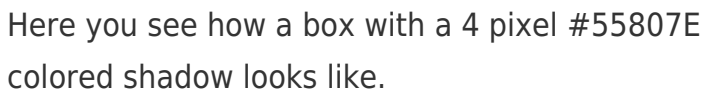
```
.border, #border, table{ border:4px solid
#55807E }
```

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

```
.border{ border-color:#55807E }
```

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

Here you see how a box with a 4 pixel #55807E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55807E; -webkit-box-shadow:4px 4px  
4px 4px #55807E; box-shadow:4px 4px 4px  
4px #55807E }
```

Background

The CSS property to change the background color of an element to Hex 55807E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55807E }
```

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

```
.background{ background-color:#55807E }
```

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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