

Converting Colors

Hex(53807E)

Have a look what the booklet for
Hex(53807E) contains.

Hex(53807E)	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(53807E)

Conversions

Conversions Part 1

Format	Color
Hex	53807E
RGB	83, 128, 126
RGB Percent	33%, 50%, 49%
CMY	0.6745, 0.4980, 0.5059
CMYK	0.35, 0.00, 0.02, 0.50
HSL	177°, 21%, 41%
HSV	177°, 35%, 50%
XYZ	15.0523, 18.7837, 22.5709
YIQ	114.3170, -26.1780, -10.1620

Conversions

Conversions Part 2

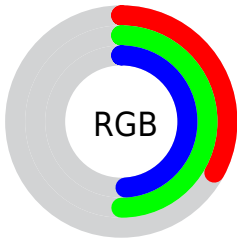
Format	Color
R_{YB}	83, 106, 128
Decimal	5472382
CIE _{Lab}	50.43, -15.83, -3.83
CIE _{LCh}	50, 16.290, 193.583
Yxy	18.7837, 0.2669, 0.3330
Android (android.graphics.Color)	4283662462 (0xFF53807E)
YUV	114.3170, 5.7597, -27.4650
Hunter-Lab	43.3402, -13.8510, -0.5393

Details

The Hex color **53807E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **805355**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **86B5B3**, and **224F4D** is the 20% darker color. If you saturate the color by 10%, you get **46807D**, and if you desaturate by 10%, it is **60807F**.

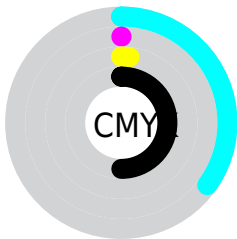
Distribution



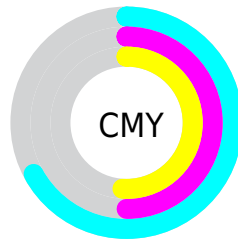
- Red (33%)
- Green (50%)
- Blue (49%)



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



- Cyan (35%)
- Magenta (0%)
- Yellow (2%)
- Black (50%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 53807E 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 53807E by changing the saturation by 10% instead.



53807E



53807E

FFFFFF



3A6765



86B5B3



224F4D



A1D1CE



053836



BDEDEA



002221



D9FFFF



00030B



F6FFFF



000000



53807E



53807E



46807D



60807F



39807D



6D807F

■ 2D807C

■ 798080

■ 20807C

■ 868080

■ 13807B

■ 938081

■ 06807B

■ A08081

■ 00807A

■ AD8082

■ B98083

■ C68083

Harmonies

Analogous

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



5D7F70



53807E



537F8B

Triad

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



53807E



82728C



8A755E

Complementary

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



53807E



805355

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.



927066



53807E



8F6F80

Square

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



53807E



707793



956E72



7C795D

Rectangle

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



53807E



597D90



956E72



8D7360

Sweetspot

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



53807E



94A6A5



558053



495454



D4D4D4



545454

Same Dimension

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



53807E



60A6A3



536C80



39403F



00807A



000000

Inverse Universe

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



805355



A66063



806753



40393A



800006



000000

Previews

White Background



This preview shows how the Hex color 53807E looks on a white background.

Color Contrast Check

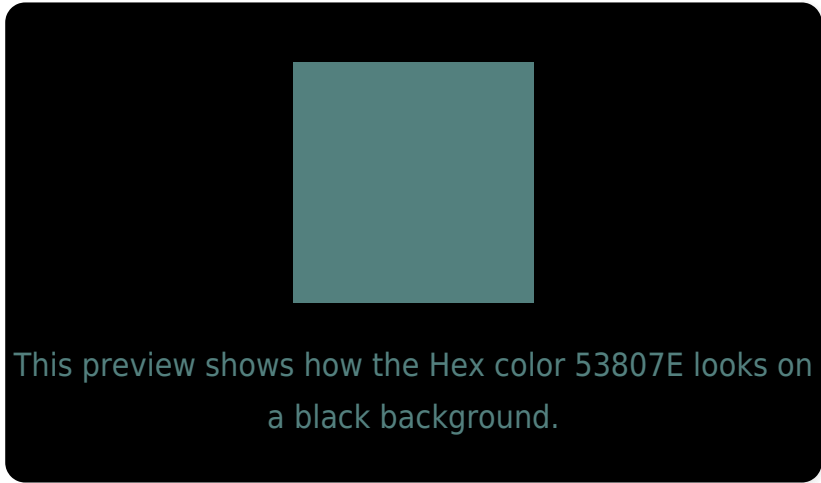
Large Text (above 18pt) WCAG AA ✓ Pass

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

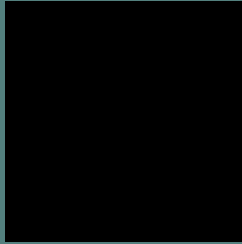
Any Text WCAG AA ✓ Pass

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 53807E Background



This preview shows how black text looks on a background with the Hex color 53807E.

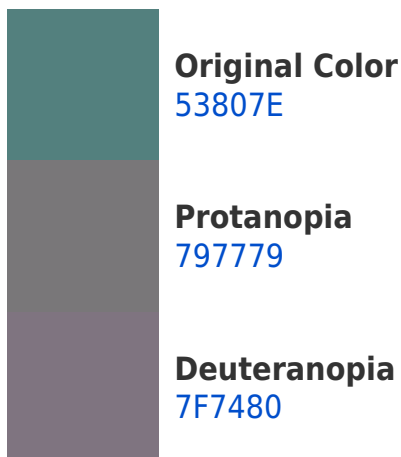


This preview shows how white text looks on a background with the Hex color 53807E.

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](#).

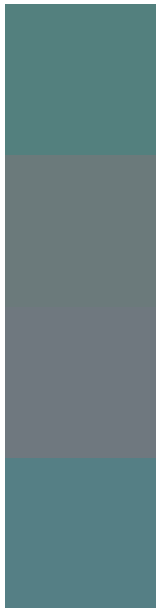
Dichromacy





Tritanopia
567E89

Trichromacy



Original Color
53807E

Protanomaly
6B7A7B

Deuteranomaly
6F787F

Tritanomaly
557F85

Monochromacy



Original Color
53807E

Achromatopsia
727272

Achromatomaly
677776

CSS Examples

Text

The CSS property to change the color of the text to Hex 53807E 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 #53807E looks like.

```
.text, #text, p{  
    color:#53807E  
}
```

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 #53807E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53807E
}
```

Border

The CSS property to change the border of an element to Hex 53807E is called "border". The border property can be set on classes, ids or directly on the HTML element.

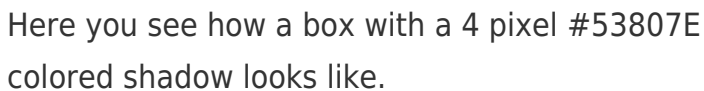
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#53807E }
```

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

```
.border{ border-color:#53807E }
```

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



Here you see how a box with a 4 pixel #53807E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53807E; -webkit-box-shadow:4px 4px  
4px 4px #53807E; box-shadow:4px 4px 4px  
4px #53807E }
```

Background

The CSS property to change the background color of an element to Hex 53807E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53807E }
```

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

```
.background{ background-color:#53807E }
```

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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