

Converting Colors

Hex(587E7E)

Have a look what the booklet for
Hex(587E7E) contains.

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Color

Hex(587E7E)

Conversions

Conversions Part 1

Format	Color
Hex	587E7E
RGB	88, 126, 126
RGB Percent	35%, 49%, 49%
CMY	0.6549, 0.5059, 0.5059
CMYK	0.30, 0.00, 0.00, 0.51
HSL	180°, 18%, 42%
HSV	180°, 30%, 49%
XYZ	15.2513, 18.5028, 22.5062
YIQ	114.6380, -22.6480, -8.0560

Conversions

Conversions Part 2

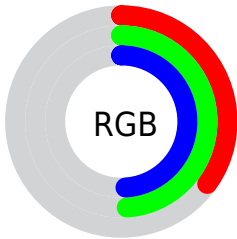
Format	Color
RYB	88, 107, 126
Decimal	5799550
CIELab	50.10, -13.21, -4.29
CIELCh	50, 13.891, 197.974
Yxy	18.5028, 0.2711, 0.3289
Android (android.graphics.Color)	4283989630 (0xFF587E7E)
YUV	114.6380, 5.6015, -23.3615
Hunter-Lab	43.0149, -11.9874, -0.9113

Details

The Hex color **587E7E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **7E5858**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **8BB3B3**, and **284D4D** is the 20% darker color. If you saturate the color by 10%, you get **4B7E7E**, and if you desaturate by 10%, it is **657E7E**.

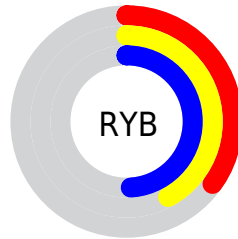
Distribution



Red (35%)

Green (49%)

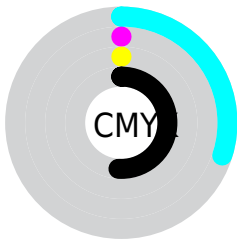
Blue (49%)



Red (35%)

Yellow (42%)

Blue (49%)

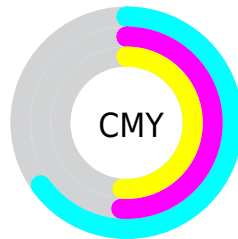


Cyan (30%)

Magenta (0%)

Yellow (0%)

Black (51%)



Cyan (65%)

Magenta (51%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 587E7E 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 587E7E by changing the saturation by 10% instead.



587E7E



587E7E

FFFFFF



406565



8BB3B3



284D4D



A6CECE



0F3636



C2EBEA



002121



DEFFFF



00010B



FBFFFF



000000



587E7E



587E7E



4B7E7E



657E7E



3F7E7E



717E7E

327E7E

7E7E7E

267E7E

8A7E7E

197E7E

977E7E

0C7E7E

A47E7E

007E7E

B07E7E

BD7E7E

C97E7E

Harmonies

Analogous

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



5F7E72



587E7E



5A7D88

Triad

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



587E7E



827287



857560

Complementary

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



587E7E



7E5858

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.



8D7166



587E7E



8C6F7C

Square

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



587E7E



73768E



906F70



797961

Rectangle

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



587E7E



607B8D



906F70



887362

Sweetspot

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



587E7E



95A3A3



587E58



495252



D1D1D1



525252

Same Dimension

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



587E7E



68A3A3



586B7E



394040



008080



000000

Inverse Universe

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



7E587E



A368A3



7E6B58



403940



800080



000000

Previews

White Background



This preview shows how the Hex color 587E7E looks on a white background.

Color Contrast Check

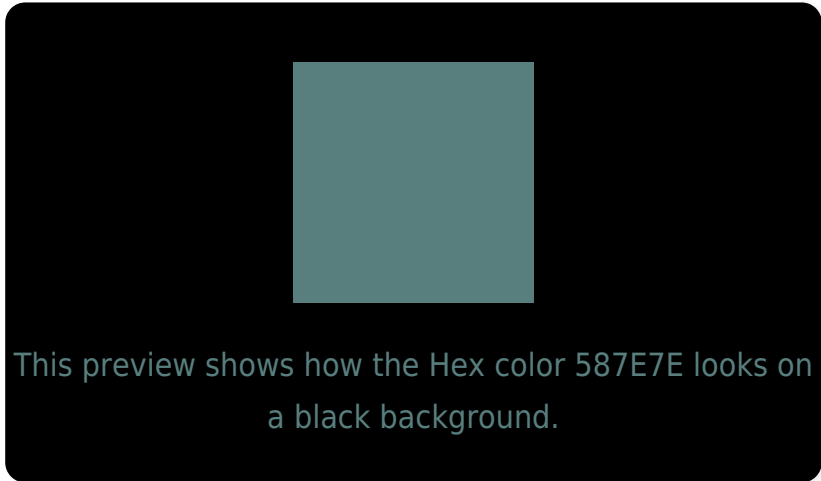
Large Text (above 18pt) WCAG AA ✓ Pass

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

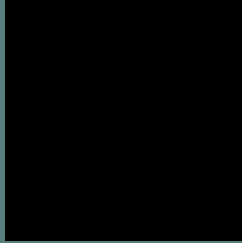
Any Text WCAG AA ✓ Pass

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 587E7E Background



This preview shows how black text looks on a background with the Hex color 587E7E.

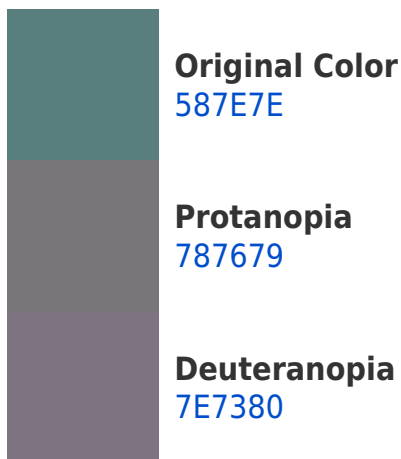



This preview shows how white text looks on a background with the Hex color 587E7E.

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](#).

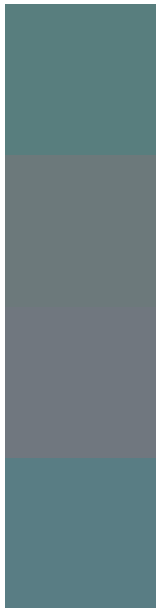
Dichromacy





Tritanopia
5A7D87

Trichromacy



Original Color
587E7E

Protanomaly
6C797B

Deuteranomaly
70777F

Tritanomaly
597D84

Monochromacy



Original Color
587E7E

Achromatopsia
737373

Achromatomaly
697777

CSS Examples

Text

The CSS property to change the color of the text to Hex 587E7E 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 #587E7E looks like.

```
.text, #text, p{  
    color:#587E7E  
}
```

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 #587E7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #587E7E
}
```

Border

The CSS property to change the border of an element to Hex 587E7E 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
#587E7E }
```

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

```
.border{ border-color:#587E7E }
```

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

Here you see how a box with a 4 pixel #587E7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #587E7E; -webkit-box-shadow:4px 4px  
4px 4px #587E7E; box-shadow:4px 4px 4px  
4px #587E7E }
```

Background

The CSS property to change the background color of an element to Hex 587E7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#587E7E }
```

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

```
.background{ background-color:#587E7E }
```

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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