

# Converting Colors

Hex(587F7A)

Have a look what the booklet for  
Hex(587F7A) contains.

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# Color

Hex(587F7A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	587F7A
RGB	88, 127, 122
RGB Percent	35%, 50%, 48%
CMY	0.6549, 0.5020, 0.5216
CMYK	0.31, 0.00, 0.04, 0.50
HSL	172°, 18%, 42%
HSV	172°, 31%, 50%
XYZ	15.1267, 18.6586, 21.2166
YIQ	114.7690, -21.6390, -9.8230

# Conversions

## Conversions Part 2

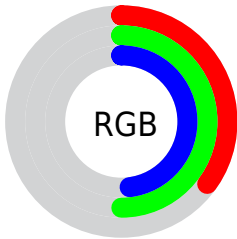
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 109, 127
Decimal	5799802
CIELab	50.29, -14.75, -1.66
CIELCh	50, 14.846, 186.436
Yxy	18.6586, 0.2750, 0.3392
Android (android.graphics.Color)	4283989882 (0xFF587F7A)
YUV	114.7690, 3.5649, -23.4764
Hunter-Lab	43.1956, -13.0831, 1.1152

# Details

The Hex color **587F7A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **7F585D**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **8BB4AE**, and **284E49** is the 20% darker color. If you saturate the color by 10%, you get **4B7F78**, and if you desaturate by 10%, it is **657F7C**.

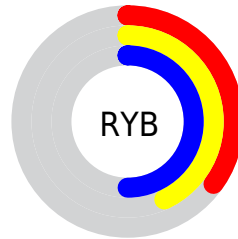
# Distribution



Red (35%)

Green (50%)

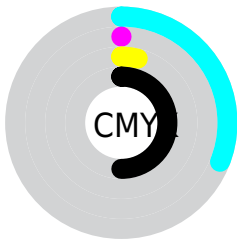
Blue (48%)



Red (35%)

Yellow (43%)

Blue (50%)

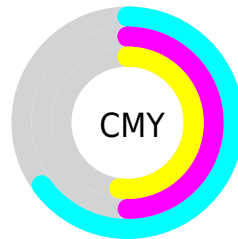


Cyan (31%)

Magenta (0%)

Yellow (4%)

Black (50%)



Cyan (65%)

Magenta (50%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 587F7A 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 587F7A by changing the saturation by 10% instead.



■ 587F7A

■ 587F7A

FFFFFF

■ 406661

■ 8BB4AE

■ 284E49

■ A6CFCA

■ 103733

■ C1ECE6

■ 00211E

■ DEFFFF

■ 000205

■ FAFFFF

■ 000000

■ 587F7A

■ 587F7A

■ 4B7F78

■ 657F7C

■ 3F7F77

■ 717F7D

■ 327F75

■ 7E7F7F

■ 257F73

■ 8B7F81

■ 187F72

■ 987F82

■ 0C7F70

■ A47F84

■ 007F6F

■ B17F85

■ BE7F87

■ CA7F89

# Harmonies

## Analogous

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



627E6D



587F7A



567E86

# Triad

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



587F7A



7D748C



8A7361

# Complementary

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



587F7A



7F585D

# 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.



917069



587F7A



8A7082

# Square

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



587F7A



6D7891



916F75



7F785F

# Rectangle

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



587F7A



5A7D8C



916F75



8D7263



# Sweetspot

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



587F7A



97A6A4



5D7F58



4B5453



D4D4D4



545454



# Same Dimension

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



587F7A



68A69E



58717F



39403F



00806F



000000



# Inverse Universe

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



7F585D



A66870



7F6658



40393A



800010



000000



# Previews

## White Background



This preview shows how the Hex color 587F7A looks on a white background.

## Color Contrast Check

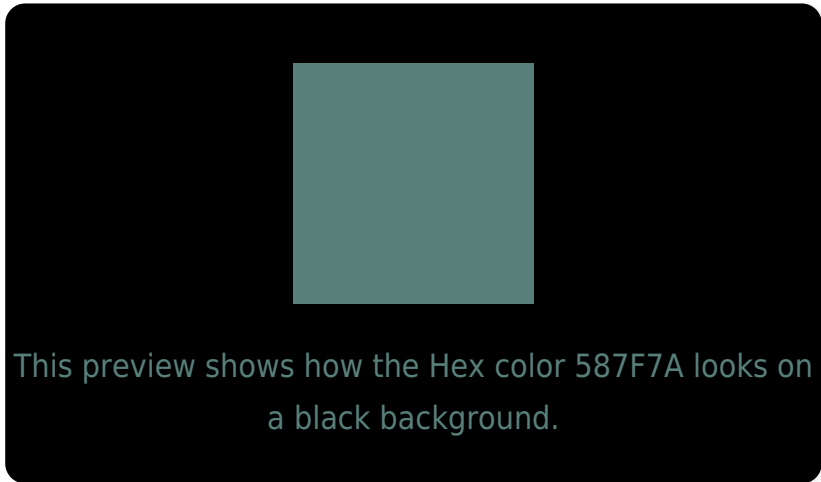
Large Text (above 18pt) WCAG AA ✓ Pass

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

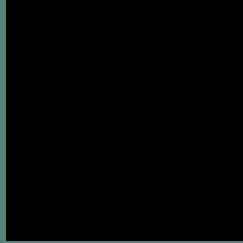
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 587F7A Background



This preview shows how black text looks on a background with the Hex color 587F7A.

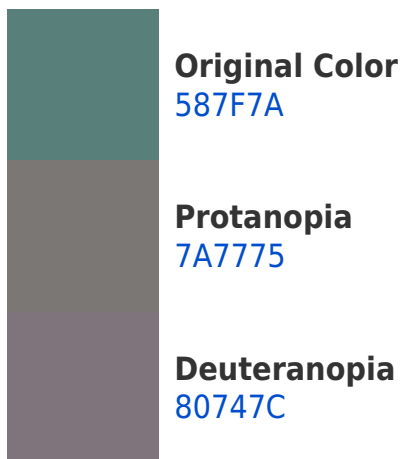



This preview shows how white text looks on a background with the Hex color 587F7A.

# 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**  
5B7D87

# Trichromacy



**Original Color**

587F7A

**Protanomaly**

6E7A77

**Deuteranomaly**

71787B

**Tritanomaly**

5A7E82

# Monochromacy



**Original Color**

587F7A

**Achromatopsia**

737373

**Achromatomaly**

697776

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 587F7A 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 #587F7A looks like.

```
.text, #text, p{  
    color:#587F7A  
}
```

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 #587F7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #587F7A
}
```

## Border

The CSS property to change the border of an element to Hex 587F7A 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
#587F7A }
```

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

```
.border{ border-color:#587F7A }
```

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

Here you see how a box with a 4 pixel #587F7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #587F7A; -webkit-box-shadow:4px 4px  
4px 4px #587F7A; box-shadow:4px 4px 4px  
4px #587F7A }
```

# Background

The CSS property to change the background color of an element to Hex 587F7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#587F7A }
```

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

```
.background{ background-color:#587F7A }
```

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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