

# Converting Colors

Hex(5A777A)

Have a look what the booklet for  
Hex(5A777A) contains.

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# Color

Hex(5A777A)

# Conversions

## Conversions Part 1

Format	Color
Hex	5A777A
RGB	90, 119, 122
RGB Percent	35%, 47%, 48%
CMY	0.6471, 0.5333, 0.5216
CMYK	0.26, 0.02, 0.00, 0.52
HSL	186°, 15%, 42%
HSV	186°, 26%, 48%
XYZ	14.3261, 16.7725, 20.8947
YIQ	110.6710, -18.2470, -5.2150

# Conversions

## Conversions Part 2

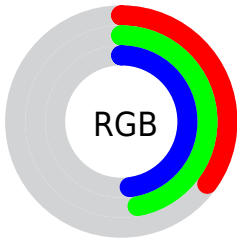
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 105, 122
Decimal	5928826
CIE Lab	47.97, -9.65, -5.06
CIE LCh	48, 10.896, 207.690
Yxy	16.7725, 0.2755, 0.3226
Android (android.graphics.Color)	4284118906 (0xFF5A777A)
YUV	110.6710, 5.5852, -18.1285
Hunter-Lab	40.9542, -9.2290, -1.5816

# Details

The Hex color **5A777A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A5D5A**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **8DABAE**, and **2B4749** is the 20% darker color. If you saturate the color by 10%, you get **4E767A**, and if you desaturate by 10%, it is **66787A**.

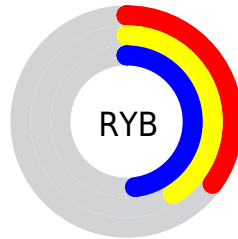
# Distribution



Red (35%)

Green (47%)

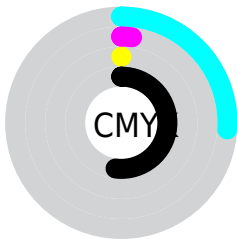
Blue (48%)



Red (35%)

Yellow (41%)

Blue (48%)

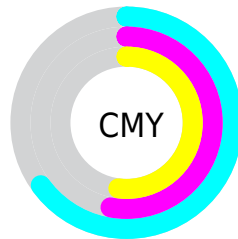


Cyan (26%)

Magenta (2%)

Yellow (0%)

Black (52%)



Cyan (65%)

Magenta (53%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A777A 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 5A777A by changing the saturation by 10% instead.





5A777A



5A777A

FFFFFF



425E61



8DABAE



2B4749



A8C7CA



143033



C3E3E6



001B1E



DFFFFF



000004



FFFFFF



000000



5A777A



5A777A



4E767A



66787A



42757A



72797A

■ 35747A

■ 7F7A7A

■ 29727A

■ 8B7C7A

■ 1D717A

■ 977D7A

■ 11707A

■ A37E7A

■ 056F7A

■ AF7F7A

■ 006F7A

■ BC807A

■ C8817A

# Harmonies

## Analogous

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



5D7771



5A777A



5E7581

# Triad

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



5A777A



7D6D7C



7A7160

# Complementary

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



5A777A



7A5D5A

# 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.



826E63



5A777A



846C73

# Square

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



5A777A



737082



856C6A



707462

# Rectangle

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



5A777A



637484



856C6A



7D7060



# Sweetspot

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



5A777A



919D9E



5A7A5D



474E4F



CFCFCF



4F4F4F



# Same Dimension

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



5A777A



6D9A9E



5A677A



373D3D



00717D



00E5FC



# Inverse Universe

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



7A5A77



9E6D9A



7A6D5A



3D373D



7D0071



FC00E5



# Previews

## White Background



This preview shows how the Hex color 5A777A looks on a white background.

## Color Contrast Check

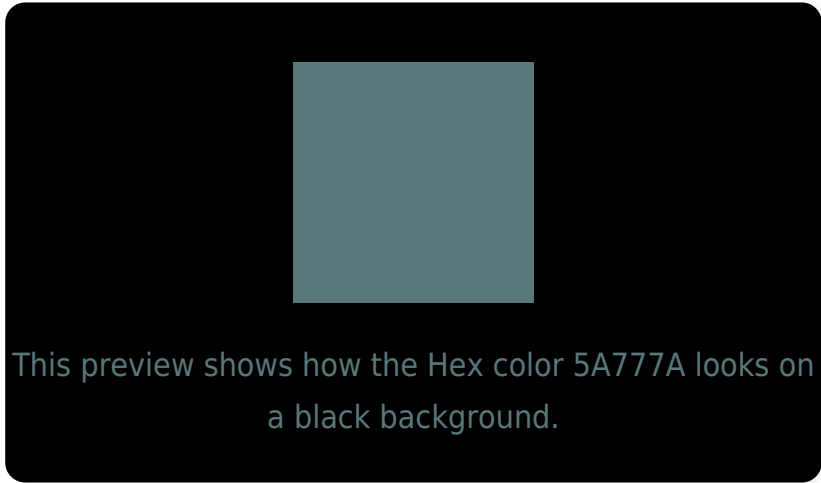
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

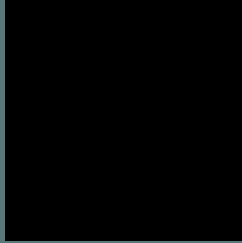
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

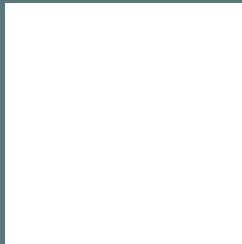
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5A777A Background



This preview shows how black text looks on a background with the Hex color 5A777A.



This preview shows how white text looks on a background with the Hex color 5A777A.

# 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](#).

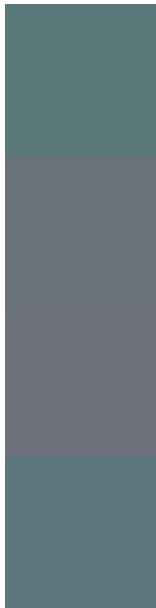
## Dichromacy





**Tritanopia**  
5B7680

# Trichromacy



**Original Color**  
5A777A

**Protanomaly**  
697377

**Deuteranomaly**  
6D717B

**Tritanomaly**  
5B767E

# Monochromacy



**Original Color**  
5A777A

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
677273

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A777A 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 #5A777A looks like.

```
.text, #text, p{  
    color:#5A777A  
}
```

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 #5A777A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A777A
}
```

## Border

The CSS property to change the border of an element to Hex 5A777A 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".

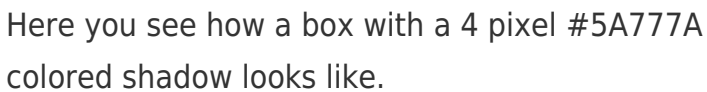
```
.border, #border, table{ border:4px solid
#5A777A }
```

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

```
.border{ border-color:#5A777A }
```

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

Here you see how a box with a 4 pixel #5A777A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A777A; -webkit-box-shadow:4px 4px  
4px 4px #5A777A; box-shadow:4px 4px 4px  
4px #5A777A }
```

# Background

The CSS property to change the background color of an element to Hex 5A777A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A777A }
```

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

```
.background{ background-color:#5A777A }
```

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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