

Converting Colors

Hex(5A7777)

Have a look what the booklet for
Hex(5A7777) contains.

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Color

Hex(5A7777)

Conversions

Conversions Part 1

Format	Color
Hex	5A7777
RGB	90, 119, 119
RGB Percent	35%, 47%, 47%
CMY	0.6471, 0.5333, 0.5333
CMYK	0.24, 0.00, 0.00, 0.53
HSL	180°, 14%, 41%
HSV	180°, 24%, 47%
XYZ	14.1430, 16.6992, 19.9306
YIQ	110.3290, -17.2840, -6.1480

Conversions

Conversions Part 2

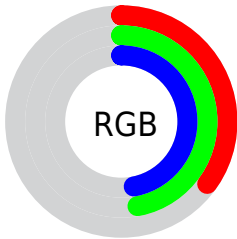
Format	Color
R_{YB}	90, 105, 119
Decimal	5928823
CIE _{Lab}	47.88, -10.38, -3.42
CIE _{LCh}	48, 10.934, 198.237
Yxy	16.6992, 0.2786, 0.3289
Android (android.graphics.Color)	4284118903 (0xFF5A7777)
YUV	110.3290, 4.2748, -17.8285
Hunter-Lab	40.8647, -9.7353, -0.3118

Details

The Hex color **5A7777** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **775A5A**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **8DABAB**, and **2B4747** is the 20% darker color. If you saturate the color by 10%, you get **4E7777**, and if you desaturate by 10%, it is **667777**.

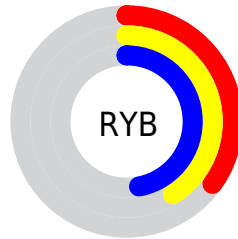
Distribution



Red (35%)

Green (47%)

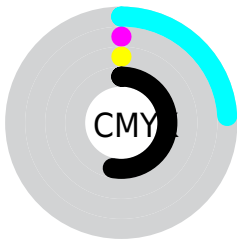
Blue (47%)



Red (35%)

Yellow (41%)

Blue (47%)

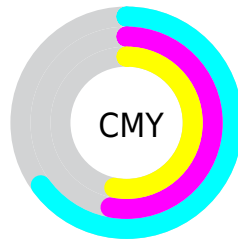


Cyan (24%)

Magenta (0%)

Yellow (0%)

Black (53%)



Cyan (65%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A7777 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 5A7777 by changing the saturation by 10% instead.

■ 5A7777

■ 5A7777

FFFFFF

■ 425E5E

■ 8DABAB

■ 2B4747

■ A7C7C6

■ 143030

■ C3E3E2

■ 001C1C

■ DFFFFFF

■ 000000

■ FFFFFFF

■ 5A7777

■ 5A7777

■ 4E7777

■ 667777

■ 427777

■ 727777

■ 367777

■ 7E7777

■ 2A7777

■ 8A7777

■ 1E7777

■ 957777

■ 137777

■ A17777

■ 077777

■ AD7777

■ 007777

■ B97777

■ C57777

Harmonies

Analogous

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



5F776E



5A7777



5B767F

Triad

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



5A7777



7A6E7E



7D7060

Complementary

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



5A7777



775A5A

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.



836D64



5A7777



826C76

Square

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



5A7777



6F7083



856B6C



737360

Rectangle

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



5A7777



607482



856B6C



7F6F61

Sweetspot

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



5A7777



919C9C



5A775A



494F4F



CFCFCF



4F4F4F

Same Dimension

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



5A7777



6E9C9C



5A6877



353B3B



007A7A



00FAFA

Inverse Universe

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



775A77



9C6E9C



77685A



3B353B



7A007A



FA00FA

Previews

White Background



This preview shows how the Hex color 5A7777 looks on a white background.

Color Contrast Check

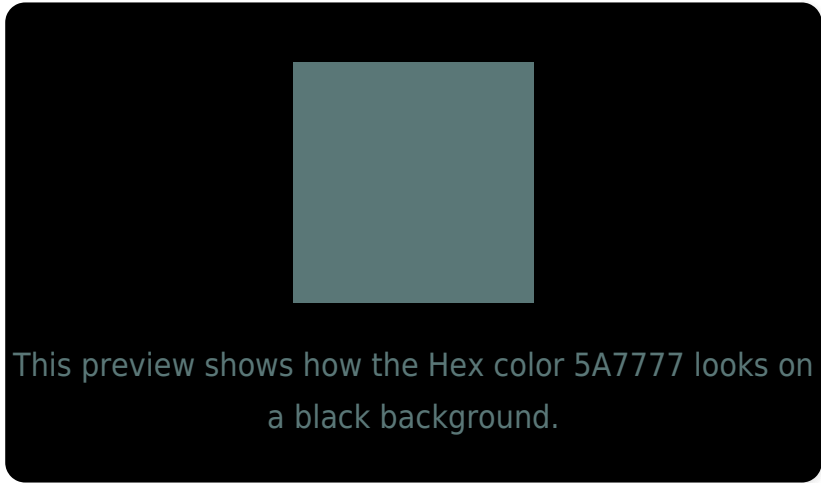
Large Text (above 18pt) WCAG AA ✓ Pass

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

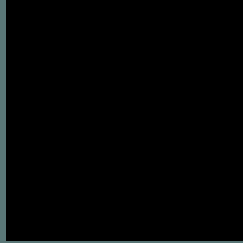
Any Text WCAG AA × Fail

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 5A7777 Background



This preview shows how black text looks on a background with the Hex color 5A7777.

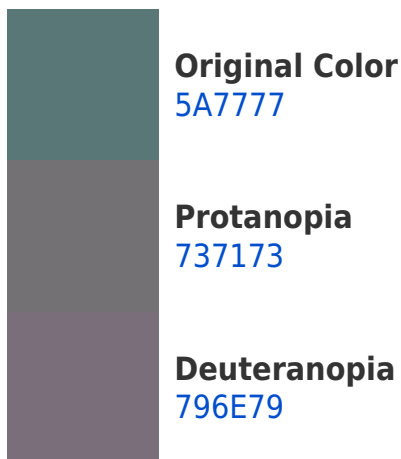



This preview shows how white text looks on a background with the Hex color 5A7777.

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
5C767F

Trichromacy



Original Color
5A7777

Protanomaly
6A7374

Deuteranomaly
6E7178

Tritanomaly
5B767C

Monochromacy



Original Color
5A7777

Achromatopsia
6E6E6E

Achromatomaly
677171

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A7777 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 #5A7777 looks like.

```
.text, #text, p{  
    color:#5A7777  
}
```

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 #5A7777 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A7777
}
```

Border

The CSS property to change the border of an element to Hex 5A7777 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
#5A7777 }
```

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

```
.border{ border-color:#5A7777 }
```

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

Here you see how a box with a 4 pixel #5A7777 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A7777; -webkit-box-shadow:4px 4px  
4px 4px #5A7777; box-shadow:4px 4px 4px  
4px #5A7777 }
```

Background

The CSS property to change the background color of an element to Hex 5A7777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A7777 }
```

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

```
.background{ background-color:#5A7777 }
```

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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