

Converting Colors

Hex(5A647A)

Have a look what the booklet for
Hex(5A647A) contains.

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Color

Hex(5A647A)

Conversions

Conversions Part 1

Format	Color
Hex	5A647A
RGB	90, 100, 122
RGB Percent	35%, 39%, 48%
CMY	0.6471, 0.6078, 0.5216
CMYK	0.26, 0.18, 0.00, 0.52
HSL	221°, 15%, 42%
HSV	221°, 26%, 48%
XYZ	12.2865, 12.6931, 20.2148
YIQ	99.5180, -13.0220, 4.7220

Conversions

Conversions Part 2

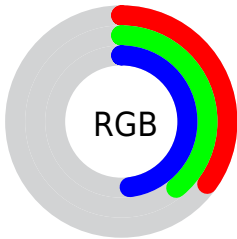
Format	Color
R_{YB}	90, 98, 122
Decimal	5923962
CIE _{Lab}	42.30, 1.53, -13.58
CIE _{LCh}	42, 13.669, 276.436
Yxy	12.6931, 0.2719, 0.2809
Android (android.graphics.Color)	4284114042 (0xFF5A647A)
YUV	99.5180, 11.0836, -8.3473
Hunter-Lab	35.6274, -0.7905, -8.7016

Details

The Hex color **5A647A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A705A**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8D97AE**, and **2B3649** is the 20% darker color. If you saturate the color by 10%, you get **4E5C7A**, and if you desaturate by 10%, it is **666C7A**.

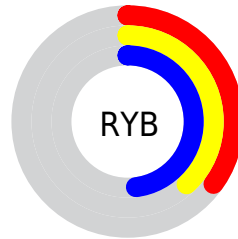
Distribution



Red (35%)

Green (39%)

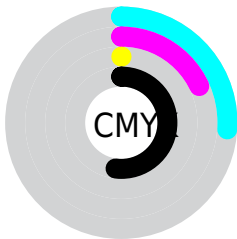
Blue (48%)



Red (35%)

Yellow (38%)

Blue (48%)

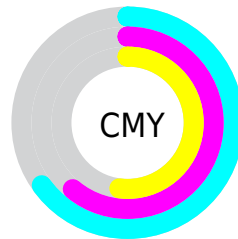


Cyan (26%)

Magenta (18%)

Yellow (0%)

Black (52%)



Cyan (65%)

Magenta (61%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A647A 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 5A647A by changing the saturation by 10% instead.

■ 5A647A

■ 5A647A

FFFFFF

■ 424C61

■ 8D97AE

■ 2B3649

■ A7B1CA

■ 152033

■ C3CDE6

■ 00091E

■ DFE9FF

■ 000001

■ FBFFFF

■ 000000

■ 5A647A

■ 5A647A

■ 4E5C7A

■ 666C7A

■ 42537A

■ 72757A

■ 354B7A

■ 7F7D7A

■ 29427A

■ 8B867A

■ 1D3A7A

■ 978E7A

■ 11327A

■ A3967A

■ 05297A

■ AF9F7A

■ 00267A

■ BCA77A

■ C8AF7A

Harmonies

Analogous

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



4C6778



5A647A



696076

Triad

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



5A647A



7A5D57



51695A

Complementary

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



5A647A



7A705A

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.



5D6752



5A647A



746050

Square

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



5A647A



7B5C62



6A644E



476A66

Rectangle

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



5A647A



715E70



6A644E



556957

Sweetspot

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



5A647A



91959E



5A7A70



474A4F



CFCFCF



4F4F4F

Same Dimension

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



5A647A



6D7C9E



605A7A



37393D



00277D



004FFC

Inverse Universe

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



7A5A64



9E6D7C



747A5A



3D3739



7D0027



FC004F

Previews

White Background



This preview shows how the Hex color 5A647A looks on a white background.

Color Contrast Check

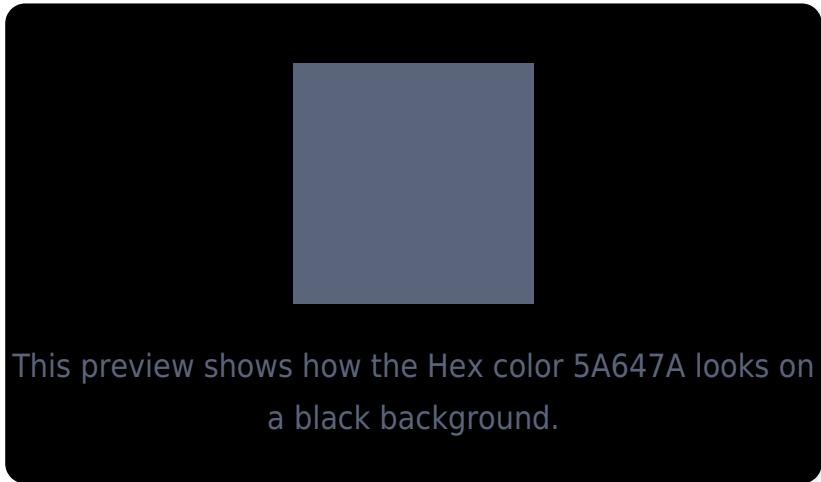
Large Text (above 18pt) WCAG AA ✓ Pass

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

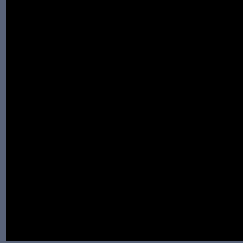
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

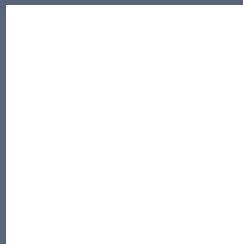
Any Text WCAG AAA × Fail

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

Hex 5A647A Background



This preview shows how black text looks on a background with the Hex color 5A647A.

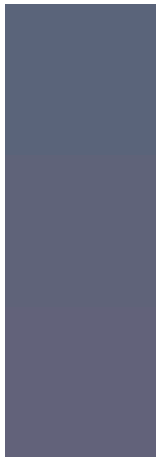


This preview shows how white text looks on a background with the Hex color 5A647A.

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](#).

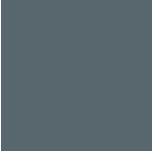
Dichromacy



Original Color
5A647A

Protanopia
5F6379

Deuteranopia
62627A



Tritanopia
58666E

Trichromacy



Original Color

5A647A

Protanomaly

5D6379

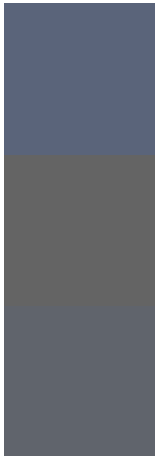
Deuteranomaly

5F637A

Tritanomaly

596572

Monochromacy



Original Color

5A647A

Achromatopsia

646464

Achromatomaly

60646C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A647A 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 #5A647A looks like.

```
.text, #text, p{  
    color:#5A647A  
}
```

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 #5A647A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A647A
}
```

Border

The CSS property to change the border of an element to Hex 5A647A 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
#5A647A }
```

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

```
.border{ border-color:#5A647A }
```

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

Here you see how a box with a 4 pixel #5A647A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A647A; -webkit-box-shadow:4px 4px  
4px 4px #5A647A; box-shadow:4px 4px 4px  
4px #5A647A }
```

Background

The CSS property to change the background color of an element to Hex 5A647A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A647A }
```

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

```
.background{ background-color:#5A647A }
```

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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