

Converting Colors

Hex(5A5E77)

Have a look what the booklet for
Hex(5A5E77) contains.

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Color

Hex(5A5E77)

Conversions

Conversions Part 1

Format	Color
Hex	5A5E77
RGB	90, 94, 119
RGB Percent	35%, 37%, 47%
CMY	0.6471, 0.6314, 0.5333
CMYK	0.24, 0.21, 0.00, 0.53
HSL	232°, 14%, 41%
HSV	232°, 24%, 47%
XYZ	11.5489, 11.5110, 19.0659
YIQ	95.6540, -10.4090, 6.9270

Conversions

Conversions Part 2

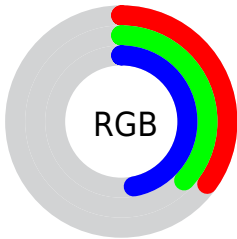
Format	Color
R_YB	90, 94, 119
Decimal	5922423
CIE Lab	40.43, 4.43, -14.60
CIE LCh	40, 15.257, 286.860
Yxy	11.5110, 0.2742, 0.2733
Android (android.graphics.Color)	4284112503 (0xFF5A5E77)
YUV	95.6540, 11.5096, -4.9586
Hunter-Lab	33.9278, 1.3871, -9.5688

Details

The Hex color **5A5E77** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **77735A**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8D90AB**, and **2B3047** is the 20% darker color. If you saturate the color by 10%, you get **4E5477**, and if you desaturate by 10%, it is **666877**.

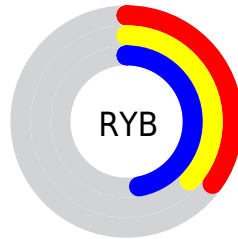
Distribution



 Red (35%)

 Green (37%)

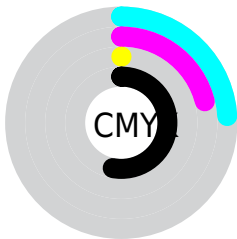
 Blue (47%)



 Red (35%)

 Yellow (37%)

 Blue (47%)

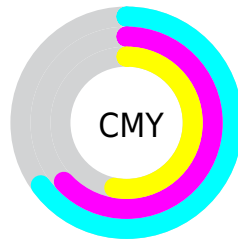


 Cyan (24%)

 Magenta (21%)

 Yellow (0%)

 Black (53%)



 Cyan (65%)

 Magenta (63%)

 Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A5E77 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 5A5E77 by changing the saturation by 10% instead.

■ 5A5E77

■ 5A5E77

FFFFFF

■ 42465E

■ 8D90AB

■ 2B3047

■ A7ABC7

■ 161B30

■ C2C6E3

■ 00001C

■ DEE2FF

■ 000000

■ FBFFFF

■ 5A5E77

■ 5A5E77

■ 4E5477

■ 666877

■ 424977

■ 727377

■ 363F77

■ 7E7D77

■ 2A3577

■ 8A8777

■ 1E2B77

■ 959177

■ 132077

■ A19C77

■ 071677

■ ADA677

■ 001077

■ B9B077

■ C5BA77

Harmonies

Analogous

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



496277



5A5E77



6A5A70

Triad

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



5A5E77



76594E



466659

Complementary

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



5A5E77



77735A

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.



53644E



5A5E77



6E5D47

Square

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



5A5E77



795759



616147



3D6666

Rectangle

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



5A5E77



725869



616147



4A6655

Sweetspot

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



5A5E77



91929C



5A7773



494A4F



CFCFCF



4F4F4F

Same Dimension

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



5A5E77



6E759C



645A77



35363B



00117A



0022FA

Inverse Universe

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



775A5E



9C6E75



6D775A



3B3536



7A0011



FA0022

Previews

White Background



This preview shows how the Hex color 5A5E77 looks on a white background.

Color Contrast Check

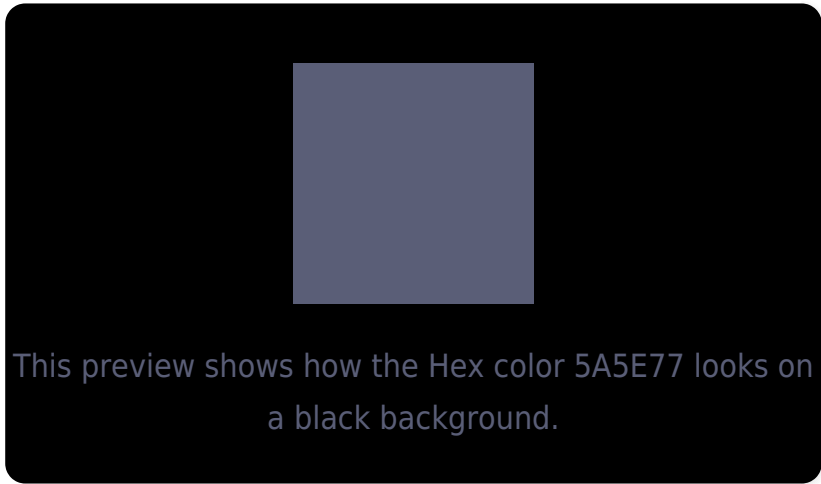
Large Text (above 18pt) WCAG AA ✓ Pass

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

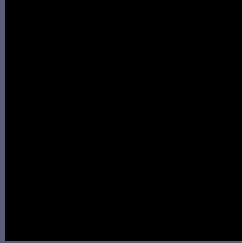
Any Text WCAG AA × Fail

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 5A5E77 Background



This preview shows how black text looks on a background with the Hex color 5A5E77.



This preview shows how white text looks on a background with the Hex color 5A5E77.

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

5A5E77

Protanopia

595E77

Deuteranopia

5C5D77



Tritanopia
576168

Trichromacy



Original Color
5A5E77

Protanomaly
595E77

Deuteranomaly
5B5D77

Tritanomaly
58606D

Monochromacy



Original Color
5A5E77

Achromatopsia
606060

Achromatomaly
5E5F68

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A5E77 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 #5A5E77 looks like.

```
.text, #text, p{  
    color:#5A5E77  
}
```

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 #5A5E77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A5E77  
}
```

Border

The CSS property to change the border of an element to Hex 5A5E77 is called "border". The border property can be set on classes, ids or directly on the HTML element.

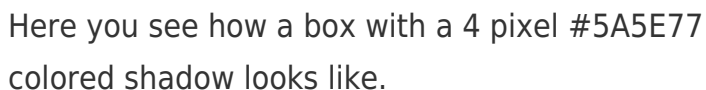
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#5A5E77 }
```

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

```
.border{ border-color:#5A5E77 }
```

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



Here you see how a box with a 4 pixel #5A5E77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A5E77; -webkit-box-shadow:4px 4px  
4px 4px #5A5E77; box-shadow:4px 4px 4px  
4px #5A5E77 }
```

Background

The CSS property to change the background color of an element to Hex 5A5E77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A5E77 }
```

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

```
.background{ background-color:#5A5E77 }
```

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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