

Converting Colors

Hex(5A5E7B)

Have a look what the booklet for
Hex(5A5E7B) contains.

Hex(5A5E7B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5A5E7B)

Conversions

Conversions Part 1

Format	Color
Hex	5A5E7B
RGB	90, 94, 123
RGB Percent	35%, 37%, 48%
CMY	0.6471, 0.6314, 0.5176
CMYK	0.27, 0.24, 0.00, 0.52
HSL	233°, 15%, 42%
HSV	233°, 27%, 48%
XYZ	11.7943, 11.6091, 20.3580
YIQ	96.1100, -11.6930, 8.1710

Conversions

Conversions Part 2

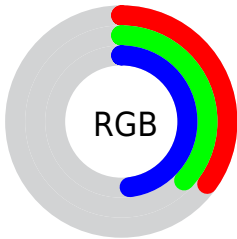
Format	Color
R_YB	90, 94, 123
Decimal	5922427
CIE Lab	40.59, 5.48, -16.80
CIE LCh	41, 17.669, 288.060
Yxy	11.6091, 0.2695, 0.2653
Android (android.graphics.Color)	4284112507 (0xFF5A5E7B)
YUV	96.1100, 13.2568, -5.3585
Hunter-Lab	34.0722, 2.1626, -11.5751

Details

The Hex color **5A5E7B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7B775A**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8D90B0**, and **2B304A** is the 20% darker color. If you saturate the color by 10%, you get **4E537B**, and if you desaturate by 10%, it is **66697B**.

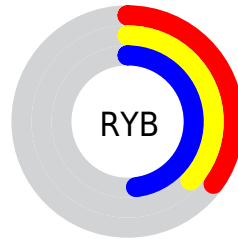
Distribution



Red (35%)

Green (37%)

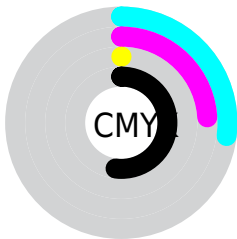
Blue (48%)



Red (35%)

Yellow (37%)

Blue (48%)

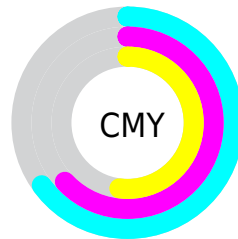


Cyan (27%)

Magenta (24%)

Yellow (0%)

Black (52%)



Cyan (65%)

Magenta (63%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A5E7B 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 5A5E7B by changing the saturation by 10% instead.

■ 5A5E7B

■ 5A5E7B

FFFFFF

■ 424662

■ 8D90B0

■ 2B304A

■ A7ABCB

■ 151B33

■ C3C6E7

■ 00001F

■ DFE2FF

■ 000001

■ FBFFFF

■ 000000

■ 5A5E7B

■ 5A5E7B

■ 4E537B

■ 66697B

■ 41487B

■ 73747B

■ 353E7B

■ 7F7E7B

■ 29337B

■ 8B897B

■ 1C287B

■ 98947B

■ 101D7B

■ A49F7B

■ 04127B

■ B0AA7B

■ 000F7B

■ BCB47B

■ C9BF7B

Harmonies

Analogous

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



46637C



5A5E7B



6C5973

Triad

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



5A5E7B



79584B



416759

Complementary

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



5A5E7B



7B775A

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.



51654C



5A5E7B



6F5D44

Square

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



5A5E7B



7D5557



616244



356868

Rectangle

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



5A5E7B



75576B



616244



466754

Sweetspot

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



5A5E7B



9495A1



5A7B77



494A52



D1D1D1



525252

Same Dimension

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



5A5E7B



6D73A1



665A7B



37383D



000F7D



001FFC

Inverse Universe

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



7B5A5E



A16D73



6F7B5A



3D3738



7D000F



FC001F

Previews

White Background



This preview shows how the Hex color 5A5E7B looks on a white background.

Color Contrast Check

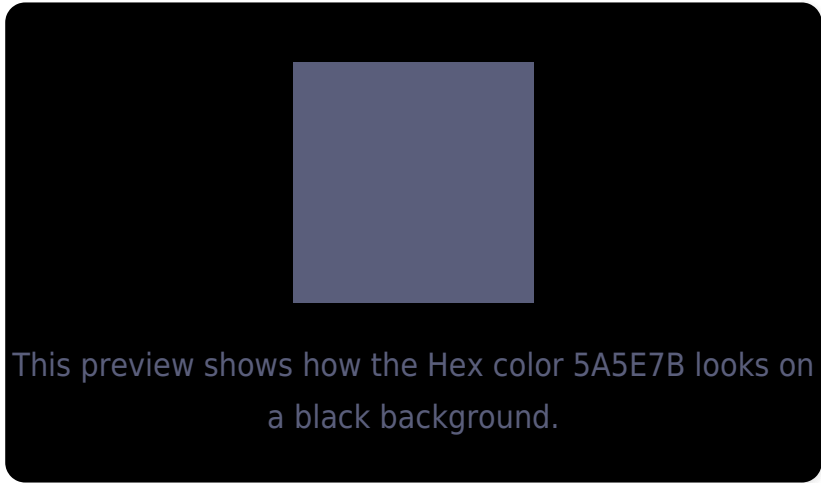
Large Text (above 18pt) WCAG AA ✓ Pass

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

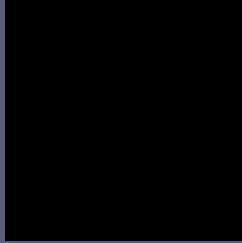
Any Text WCAG AA × Fail

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 5A5E7B Background



This preview shows how black text looks on a background with the Hex color 5A5E7B.

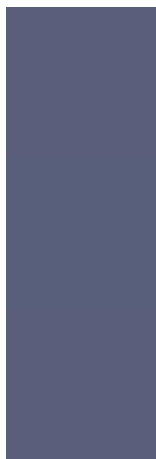


This preview shows how white text looks on a background with the Hex color 5A5E7B.

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

5A5E7B

Protanopia

585F7B

Deuteranopia

5A5E7B



Tritanopia
566169

Trichromacy



Original Color

5A5E7B

Protanomaly

595F7B

Deuteranomaly

5A5E7B

Tritanomaly

576070

Monochromacy



Original Color

5A5E7B

Achromatopsia

606060

Achromatomaly

5E5F6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A5E7B 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 #5A5E7B looks like.

```
.text, #text, p{  
    color:#5A5E7B  
}
```

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 #5A5E7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A5E7B
}
```

Border

The CSS property to change the border of an element to Hex 5A5E7B 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
#5A5E7B }
```

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

```
.border{ border-color:#5A5E7B }
```

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

Here you see how a box with a 4 pixel #5A5E7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A5E7B; -webkit-box-shadow:4px 4px  
4px 4px #5A5E7B; box-shadow:4px 4px 4px  
4px #5A5E7B }
```

Background

The CSS property to change the background color of an element to Hex 5A5E7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A5E7B }
```

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

```
.background{ background-color:#5A5E7B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor