

Converting Colors

Hex(5F6D7C)

Have a look what the booklet for
Hex(5F6D7C) contains.

Hex(5F6D7C)	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(5F6D7C)

Conversions

Conversions Part 1

Format	Color
Hex	5F6D7C
RGB	95, 109, 124
RGB Percent	37%, 43%, 49%
CMY	0.6275, 0.5725, 0.5137
CMYK	0.23, 0.12, 0.00, 0.51
HSL	211°, 13%, 43%
HSV	211°, 23%, 49%
XYZ	13.8260, 14.8254, 21.2017
YIQ	106.5240, -13.1590, 1.6970

Conversions

Conversions Part 2

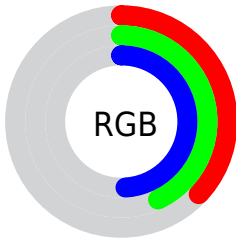
Format	Color
R_{YB}	95, 104, 124
Decimal	6253948
CIE _{Lab}	45.39, -1.67, -10.07
CIE _{LCh}	45, 10.208, 260.585
Yxy	14.8254, 0.2773, 0.2974
Android (android.graphics.Color)	4284444028 (0xFF5F6D7C)
YUV	106.5240, 8.6157, -10.1065
Hunter-Lab	38.5038, -3.2853, -5.6947

Details

The Hex color **5F6D7C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7C6E5F**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **92A0B1**, and **303E4B** is the 20% darker color. If you saturate the color by 10%, you get **53677C**, and if you desaturate by 10%, it is **6B737C**.

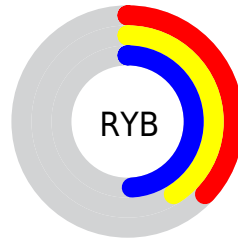
Distribution



Red (37%)

Green (43%)

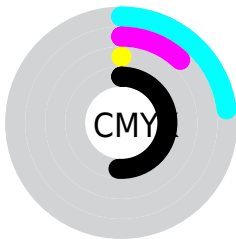
Blue (49%)



Red (37%)

Yellow (41%)

Blue (49%)

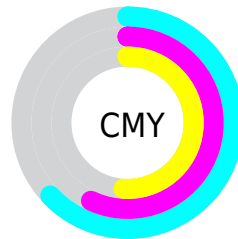


Cyan (23%)

Magenta (12%)

Yellow (0%)

Black (51%)



Cyan (63%)

Magenta (57%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F6D7C 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 5F6D7C by changing the saturation by 10% instead.



5F6D7C



5F6D7C

FFFFFF



475563



92A0B1



303E4B



ADBBCC



1A2835



C8D7E8



03131F



E4F4FF



000005



000000



5F6D7C



5F6D7C



53677C



6B737C



46607C



787A7C

■ 3A5A7C

■ 84807C

■ 2D537C

■ 91877C

■ 214D7C

■ 9D8D7C

■ 15477C

■ A9937C

■ 08407C

■ B69A7C

■ 003C7C

■ C2A07C

■ CFA77C

Harmonies

Analogous

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



576F78



5F6D7C



6A6A7B

Triad

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



5F6D7C



7E6666



626F60

Complementary

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



5F6D7C



7C6E5F

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.



6C6D5B



5F6D7C



7B675F

Square

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



5F6D7C



7B666E



756A5B



5A7068

Rectangle

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



5F6D7C



716878



756A5B



656E5E

Sweetspot

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



5F6D7C



959BA1



5F7C6E



4B4E52



D1D1D1



525252

Same Dimension

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



5F6D7C



7489A1



5F5F7C



373A3D



003C7D



007AFC

Inverse Universe

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



7C5F6D



A17489



7C7C5F



3D373A



7D003C



FC007A

Previews

White Background



This preview shows how the Hex color 5F6D7C looks on a white background.

Color Contrast Check

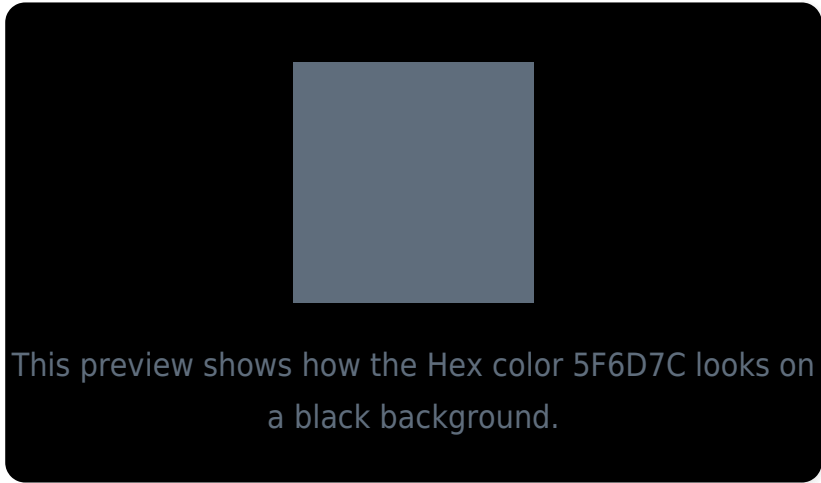
Large Text (above 18pt) WCAG AA ✓ Pass

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

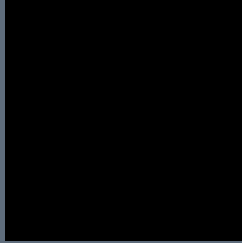
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

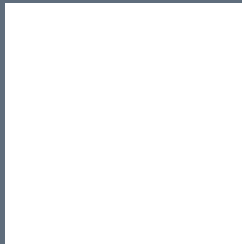
Any Text WCAG AAA × Fail

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

Hex 5F6D7C Background



This preview shows how black text looks on a background with the Hex color 5F6D7C.



This preview shows how white text looks on a background with the Hex color 5F6D7C.

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
5F6D7C

Protanopia
696A7A

Deuteranopia
6D697D



Tritanopia
5E6E77

Trichromacy



Original Color
5F6D7C

Protanomaly
656B7B

Deuteranomaly
686A7D

Tritanomaly
5E6E79

Monochromacy



Original Color
5F6D7C

Achromatopsia
6B6B6B

Achromatomaly
676C71

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F6D7C 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 #5F6D7C looks like.

```
.text, #text, p{  
    color:#5F6D7C  
}
```

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 #5F6D7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F6D7C
}
```

Border

The CSS property to change the border of an element to Hex 5F6D7C is called "border". The border property can be set on classes, ids or directly on the HTML element.

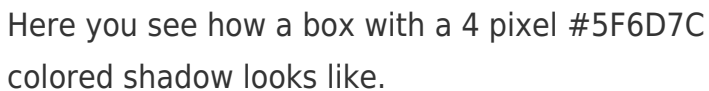
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F6D7C }
```

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

```
.border{ border-color:#5F6D7C }
```

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



Here you see how a box with a 4 pixel #5F6D7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F6D7C; -webkit-box-shadow:4px 4px  
4px 4px #5F6D7C; box-shadow:4px 4px 4px  
4px #5F6D7C }
```

Background

The CSS property to change the background color of an element to Hex 5F6D7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F6D7C }
```

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

```
.background{ background-color:#5F6D7C }
```

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