

Converting Colors

Hex(5D5D7C)

Have a look what the booklet for
Hex(5D5D7C) contains.

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Color

Hex(5D5D7C)

Conversions

Conversions Part 1

Format	Color
Hex	5D5D7C
RGB	93, 93, 124
RGB Percent	36%, 36%, 49%
CMY	0.6353, 0.6353, 0.5137
CMYK	0.25, 0.25, 0.00, 0.51
HSL	240°, 14%, 43%
HSV	240°, 25%, 49%
XYZ	12.0666, 11.6111, 20.6740
YIQ	96.5340, -9.9510, 9.6410

Conversions

Conversions Part 2

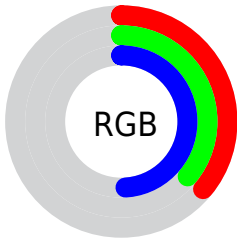
Format	Color
R_{YB}	93, 93, 124
Decimal	6118780
CIE _{Lab}	40.59, 7.37, -17.38
CIE _{LCh}	41, 18.879, 292.974
Yxy	11.6111, 0.2721, 0.2618
Android (android.graphics.Color)	4284308860 (0xFF5D5D7C)
YUV	96.5340, 13.5407, -3.0993
Hunter-Lab	34.0751, 3.5790, -12.1198

Details

The Hex color **5D5D7C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7C7C5D**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **908FB1**, and **2E2F4B** is the 20% darker color. If you saturate the color by 10%, you get **51517C**, and if you desaturate by 10%, it is **69697C**.

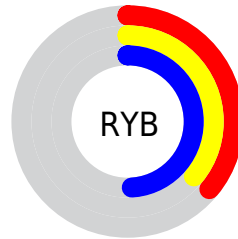
Distribution



Red (36%)

Green (36%)

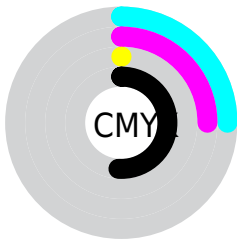
Blue (49%)



Red (36%)

Yellow (36%)

Blue (49%)

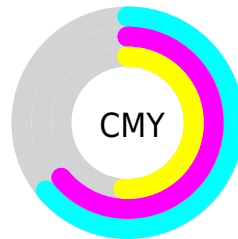


Cyan (25%)

Magenta (25%)

Yellow (0%)

Black (51%)



Cyan (64%)

Magenta (64%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D5D7C 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 5D5D7C by changing the saturation by 10% instead.

■ 5D5D7C

■ 5D5D7C

FFFFFF

■ 454563

■ 908FB1

■ 2E2F4B

■ ABAACC

■ 181B34

■ C6C5E8

■ 01001F

■ E2E1FF

■ 000003

■ FFFDFD

■ 000000

■ 5D5D7C

■ 5D5D7C

■ 51517C

■ 69697C

■ 44447C

■ 76767C

■ 38387C

■ 82827C

■ 2B2B7C

■ 8F8F7C

■ 1F1F7C

■ 9B9B7C

■ 13137C

■ A7A77C

■ 06067C

■ B4B47C

■ 00007C

■ C0C07C

■ CDCD7C

Harmonies

Analogous

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



47627E



5D5D7C



705872

Triad

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



5D5D7C



7A5848



3B685B

Complementary

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



5D5D7C



7C7C5D

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.



4D664D



5D5D7C



6E5D41

Square

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



5D5D7C



7F5554



5E6243



30686B

Rectangle

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



5D5D7C



795569



5E6243



416856

Sweetspot

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



5D5D7C



9494A1



5D7C7C



494952



D1D1D1



525252

Same Dimension

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



5D5D7C



7070A1



6D5D7C



37373D



00007D



0000FC

Inverse Universe

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



7C5D7C



A170A1



6D7C5D



3D373D



7D007D



FC00FC

Previews

White Background



This preview shows how the Hex color 5D5D7C looks on a white background.

Color Contrast Check

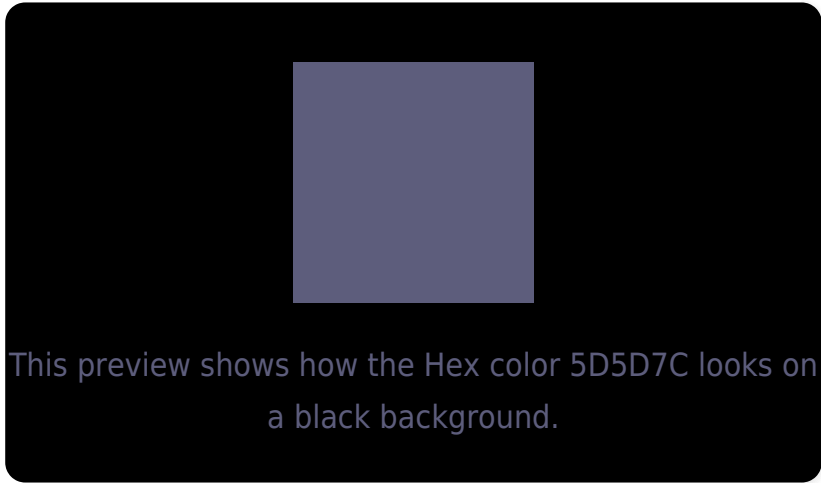
Large Text (above 18pt) WCAG AA ✓ Pass

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

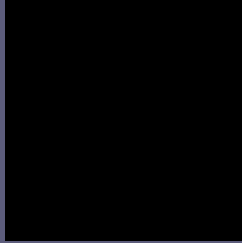
Any Text WCAG AA × Fail

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 5D5D7C Background



This preview shows how black text looks on a background with the Hex color 5D5D7C.



This preview shows how white text looks on a background with the Hex color 5D5D7C.

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

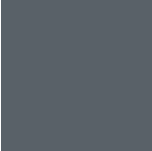
5D5D7C

Protanopia

575F7D

Deuteranopia

5A5E7C



Tritanopia
596168

Trichromacy



Original Color
5D5D7C

Protanomaly
595E7D

Deuteranomaly
5B5E7C

Tritanomaly
5A606F

Monochromacy



Original Color
5D5D7C

Achromatopsia
616161

Achromatomaly
60606B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D5D7C 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 #5D5D7C looks like.

```
.text, #text, p{  
    color:#5D5D7C  
}
```

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 #5D5D7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D5D7C
}
```

Border

The CSS property to change the border of an element to Hex 5D5D7C 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
#5D5D7C }
```

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

```
.border{ border-color:#5D5D7C }
```

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

Here you see how a box with a 4 pixel #5D5D7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D5D7C; -webkit-box-shadow:4px 4px  
4px 4px #5D5D7C; box-shadow:4px 4px 4px  
4px #5D5D7C }
```

Background

The CSS property to change the background color of an element to Hex 5D5D7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D5D7C }
```

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

```
.background{ background-color:#5D5D7C }
```

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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