

Converting Colors

Hex(5E5D7E)

Have a look what the booklet for
Hex(5E5D7E) contains.

Hex(5E5D7E)	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(5E5D7E)

Conversions

Conversions Part 1

Format	Color
Hex	5E5D7E
RGB	94, 93, 126
RGB Percent	37%, 36%, 49%
CMY	0.6314, 0.6353, 0.5059
CMYK	0.25, 0.26, 0.00, 0.51
HSL	242°, 15%, 43%
HSV	242°, 26%, 49%
XYZ	12.2963, 11.7147, 21.3517
YIQ	97.0610, -9.9970, 10.4750

Conversions

Conversions Part 2

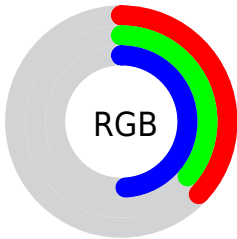
Format	Color
R_{YB}	94, 93, 126
Decimal	6184318
CIE _{Lab}	40.76, 8.23, -18.33
CIE _{LCh}	41, 20.097, 294.173
Yxy	11.7147, 0.2711, 0.2582
Android (android.graphics.Color)	4284374398 (0xFF5E5D7E)
YUV	97.0610, 14.2669, -2.6845
Hunter-Lab	34.2268, 4.2311, -13.0282

Details

The Hex color **5E5D7E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7D7E5D**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **918FB3**, and **2F2F4D** is the 20% darker color. If you saturate the color by 10%, you get **52507E**, and if you desaturate by 10%, it is **6A6A7E**.

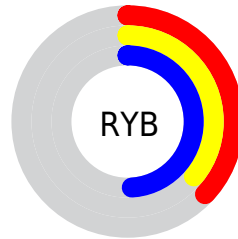
Distribution



Red (37%)

Green (36%)

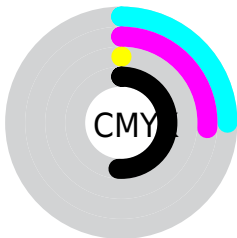
Blue (49%)



Red (37%)

Yellow (36%)

Blue (49%)

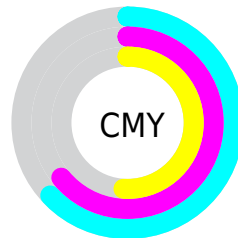


Cyan (25%)

Magenta (26%)

Yellow (0%)

Black (51%)



Cyan (63%)

Magenta (64%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E5D7E 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 5E5D7E by changing the saturation by 10% instead.



5E5D7E



5E5D7E

FFFFFF



464565



918FB3



2F2F4D



ACAACE



191A36



C7C5EB



020021



E3E1FF



000006

FFFEFF



000000



5E5D7E



5E5D7E



52507E



6A6A7E



46447E



76767E

■ 39377E

■ 83837E

■ 2D2B7E

■ 8F8F7E

■ 211E7E

■ 9B9C7E

■ 15117E

■ A7A97E

■ 08057E

■ B4B57E

■ 04007E

■ C0C27E

■ CCCE7E

Harmonies

Analogous

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



466380



5E5D7E



725774

Triad

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



5E5D7E



7B5846



38695C

Complementary

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



5E5D7E



7D7E5D

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.



4B674C



5E5D7E



6F5E3F

Square

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



5E5D7E



815553



5E6342



2B696D

Rectangle

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



5E5D7E



7B5569



5E6342



3E6957

Sweetspot

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



5E5D7E



9796A3



5D7D7E



4A4952



D1D1D1



525252

Same Dimension

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



5E5D7E



7271A3



6E5D7E



3A3940



040080



000000

Inverse Universe

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



7E5D7D



A371A2



6D7E5D



403940



80007C



000000

Previews

White Background



This preview shows how the Hex color 5E5D7E 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

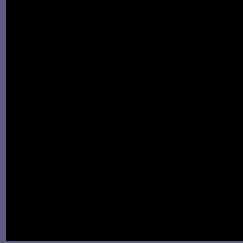
Any Text WCAG AA × Fail

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 5E5D7E Background



This preview shows how black text looks on a background with the Hex color 5E5D7E.



This preview shows how white text looks on a background with the Hex color 5E5D7E.

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
5E5D7E

Protanopia
575F7F

Deuteranopia
595E7E



Tritanopia
5A6169

Trichromacy



Original Color
5E5D7E

Protanomaly
5A5E7F

Deuteranomaly
5B5E7E

Tritanomaly
5B6071

Monochromacy



Original Color
5E5D7E

Achromatopsia
616161

Achromatomaly
60606C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E5D7E 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 #5E5D7E looks like.

```
.text, #text, p{  
    color:#5E5D7E  
}
```

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 #5E5D7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E5D7E
}
```

Border

The CSS property to change the border of an element to Hex 5E5D7E is called "border". The border property can be set on classes, ids or directly on the HTML element.

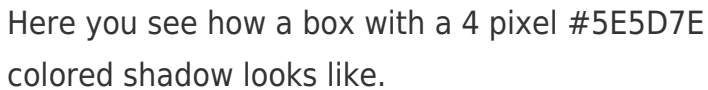
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E5D7E }
```

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

```
.border{ border-color:#5E5D7E }
```

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



Here you see how a box with a 4 pixel #5E5D7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E5D7E; -webkit-box-shadow:4px 4px  
4px 4px #5E5D7E; box-shadow:4px 4px 4px  
4px #5E5D7E }
```

Background

The CSS property to change the background color of an element to Hex 5E5D7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E5D7E }
```

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

```
.background{ background-color:#5E5D7E }
```

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