

# Converting Colors

Hex(5B5D7E)

Have a look what the booklet for  
Hex(5B5D7E) contains.

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# Color

Hex(5B5D7E)

# Conversions

## Conversions Part 1

Format	Color
Hex	5B5D7E
RGB	91, 93, 126
RGB Percent	36%, 36%, 49%
CMY	0.6431, 0.6353, 0.5059
CMYK	0.28, 0.26, 0.00, 0.51
HSL	237°, 16%, 43%
HSV	237°, 28%, 49%
XYZ	11.9946, 11.5592, 21.3376
YIQ	96.1640, -11.7850, 9.8390

# Conversions

## Conversions Part 2

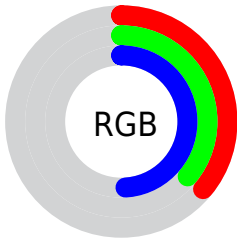
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 93, 126
Decimal	5987710
CIE <sub>Lab</sub>	40.51, 7.23, -18.74
CIE <sub>LCh</sub>	41, 20.091, 291.097
Yxy	11.5592, 0.2672, 0.2575
Android (android.graphics.Color)	4284177790 (0xFF5B5D7E)
YUV	96.1640, 14.7091, -4.5288
Hunter-Lab	33.9988, 3.4760, -13.4112

# Details

The Hex color **5B5D7E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7E7C5B**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8E8FB3**, and **2C2F4D** is the 20% darker color. If you saturate the color by 10%, you get **4E517E**, and if you desaturate by 10%, it is **68697E**.

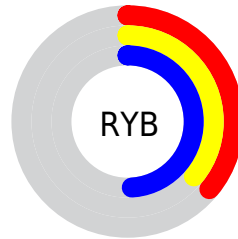
# Distribution



Red (36%)

Green (36%)

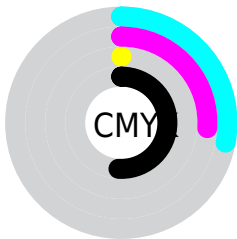
Blue (49%)



Red (36%)

Yellow (36%)

Blue (49%)

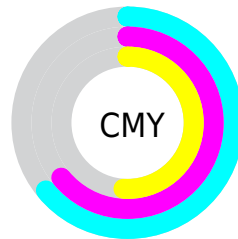


Cyan (28%)

Magenta (26%)

Yellow (0%)

Black (51%)



Cyan (64%)

Magenta (64%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B5D7E 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 5B5D7E by changing the saturation by 10% instead.



■ 5B5D7E

■ 5B5D7E

FFFFFF

■ 434565

■ 8E8FB3

■ 2C2F4D

■ A9AACE

■ 151B36

■ C4C5EB

■ 000021

■ E0E1FF

■ 000006

■ FDFDFF

■ 000000

■ 5B5D7E

■ 5B5D7E

■ 4E517E

■ 68697E

■ 42457E

■ 74757E

■ 35397E

■ 81817E

■ 292D7E

■ 8D8D7E

■ 1C227E

■ 9A987E

■ 0F167E

■ A7A47E

■ 030A7E

■ B3B07E

■ 00077E

■ C0BC7E

■ CCC87E

# Harmonies

## Analogous

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



436380



5B5D7E



705774

# Triad

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



5B5D7E



7B5747



39685A

# Complementary

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



5B5D7E



7E7C5B

# 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.



4C664A



5B5D7E



6F5D3F

# Square

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



5B5D7E



805454



5F6241



2B686B

# Rectangle

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



5B5D7E



79556B



5F6241



3F6854



# Sweetspot

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



5B5D7E



9697A3



5B7E7C



494A52



D1D1D1



525252



# Same Dimension

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



5B5D7E



6D70A3



6A5B7E



393A40



000780



000000



# Inverse Universe

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



7E5B5D



A36D70



6F7E5B



40393A



800007



000000



# Previews

## White Background



This preview shows how the Hex color 5B5D7E looks on a white background.

## Color Contrast Check

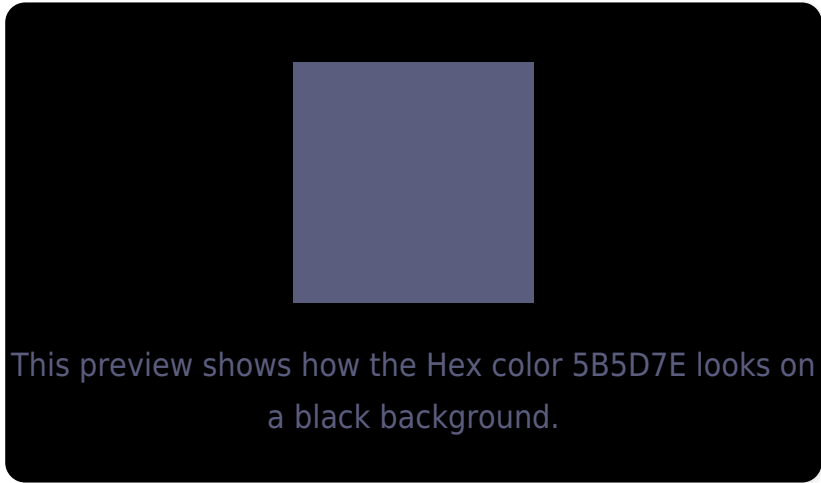
Large Text (above 18pt) WCAG AA ✓ Pass

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

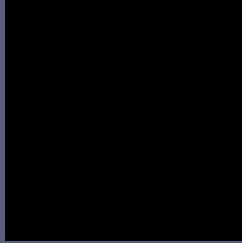
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5B5D7E Background



This preview shows how black text looks on a background with the Hex color 5B5D7E.



This preview shows how white text looks on a background with the Hex color 5B5D7E.

# 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**

5B5D7E

**Protanopia**

565E7F

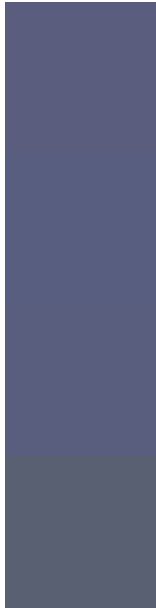
**Deuteranopia**

585E7E



**Tritanopia**  
576169

# Trichromacy



**Original Color**  
5B5D7E

**Protanomaly**  
585E7F

**Deuteranomaly**  
595E7E

**Tritanomaly**  
586071

# Monochromacy



**Original Color**  
5B5D7E

**Achromatopsia**  
606060

**Achromatomaly**  
5E5F6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B5D7E 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 #5B5D7E looks like.

```
.text, #text, p{  
    color:#5B5D7E  
}
```

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 #5B5D7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B5D7E
}
```

## Border

The CSS property to change the border of an element to Hex 5B5D7E 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
#5B5D7E }
```

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

```
.border{ border-color:#5B5D7E }
```

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

Here you see how a box with a 4 pixel #5B5D7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B5D7E; -webkit-box-shadow:4px 4px  
4px 4px #5B5D7E; box-shadow:4px 4px 4px  
4px #5B5D7E }
```

# Background

The CSS property to change the background color of an element to Hex 5B5D7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B5D7E }
```

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

```
.background{ background-color:#5B5D7E }
```

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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