

# Converting Colors

Hex(5B6F7A)

Have a look what the booklet for  
Hex(5B6F7A) contains.

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# Color

Hex(5B6F7A)

# Conversions

## Conversions Part 1

Format	Color
Hex	5B6F7A
RGB	91, 111, 122
RGB Percent	36%, 44%, 48%
CMY	0.6431, 0.5647, 0.5216
CMYK	0.25, 0.09, 0.00, 0.52
HSL	201°, 15%, 42%
HSV	201°, 25%, 48%
XYZ	13.5117, 14.9982, 20.5951
YIQ	106.2740, -15.4510, -0.8190

# Conversions

## Conversions Part 2

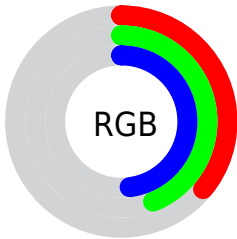
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 103, 122
Decimal	5992314
CIE <sub>Lab</sub>	45.63, -4.70, -8.54
CIE <sub>LCh</sub>	46, 9.753, 241.176
Yxy	14.9982, 0.2752, 0.3054
Android (android.graphics.Color)	4284182394 (0xFF5B6F7A)
YUV	106.2740, 7.7529, -13.3953
Hunter-Lab	38.7275, -5.4960, -4.4210

# Details

The Hex color **5B6F7A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A665B**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **8EA3AE**, and **2C3F49** is the 20% darker color. If you saturate the color by 10%, you get **4F6B7A**, and if you desaturate by 10%, it is **67737A**.

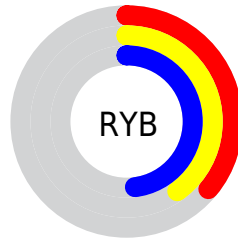
# Distribution



Red (36%)

Green (44%)

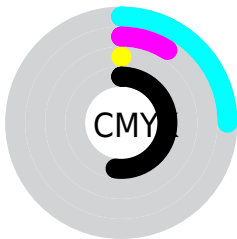
Blue (48%)



Red (36%)

Yellow (40%)

Blue (48%)

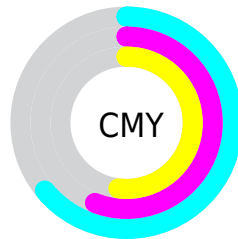


Cyan (25%)

Magenta (9%)

Yellow (0%)

Black (52%)



Cyan (64%)

Magenta (56%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B6F7A 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 5B6F7A by changing the saturation by 10% instead.





5B6F7A



5B6F7A

FFFFFF



435761



8EA3AE



2C3F49



A8BECA



162933



C4D9E6



00151E



E0F6FF



000002



FDFFFF



000000



5B6F7A



5B6F7A



4F6B7A



67737A



43667A



73787A

■ 36627A

■ 807C7A

■ 2A5E7A

■ 8C807A

■ 1E597A

■ 98857A

■ 12557A

■ A4897A

■ 06517A

■ B08D7A

■ 004F7A

■ BD927A

■ C9967A

# Harmonies

## Analogous

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



577174



5B6F7A



646D7C

# Triad

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



5B6F7A



7C666C



696E5E

# Complementary

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



5B6F7A



7A665B

# 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.



726C5C



5B6F7A



7D6764

# Square

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



5B6F7A



776874



7A695E



607064

# Rectangle

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



5B6F7A



6B6B7B



7A695E



6C6D5D



# Sweetspot

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



5B6F7A



919A9E



5B7A66



474C4F



CFCFCF



4F4F4F



# Same Dimension

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



5B6F7A



6F8D9E



5B607A



373B3D



00517D



00A3FC



# Inverse Universe

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



7A5B6F



9E6F8D



7A755B



3D373B



7D0051



FC00A3



# Previews

## White Background



This preview shows how the Hex color 5B6F7A looks on a white background.

## Color Contrast Check

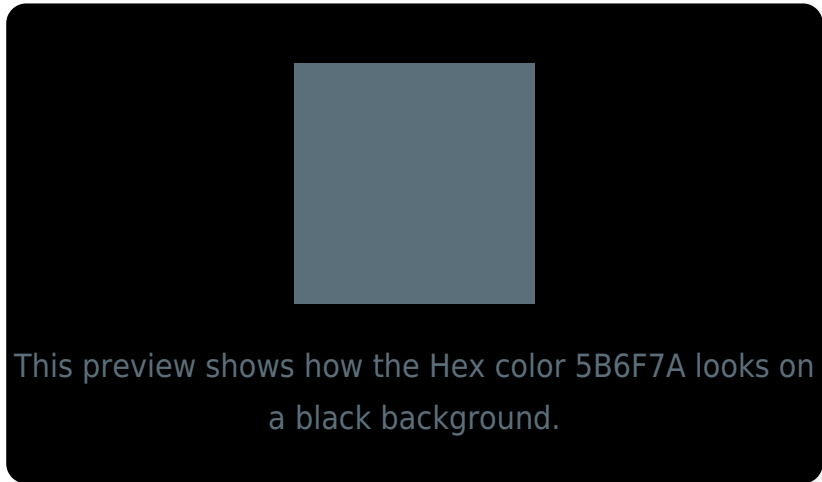
Large Text (above 18pt) WCAG AA ✓ Pass

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

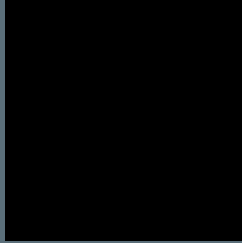
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

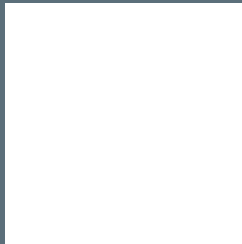
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5B6F7A Background



This preview shows how black text looks on a background with the Hex color 5B6F7A.

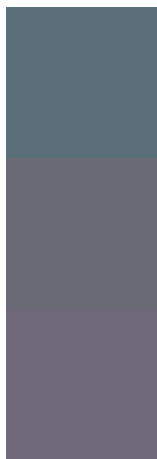


This preview shows how white text looks on a background with the Hex color 5B6F7A.

# 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**

5B6F7A

**Protanopia**

6A6B77

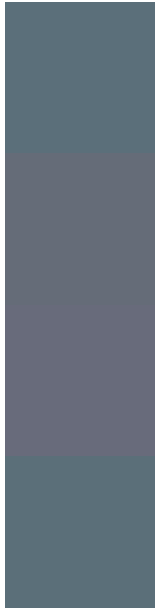
**Deuteranopia**

6F697B



**Tritanopia**  
5B6F78

# Trichromacy



**Original Color**

5B6F7A

**Protanomaly**

656C78

**Deuteranomaly**

686B7B

**Tritanomaly**

5B6F79

# Monochromacy



**Original Color**

5B6F7A

**Achromatopsia**

6A6A6A

**Achromatomaly**

656C70

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B6F7A 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 #5B6F7A looks like.

```
.text, #text, p{  
    color:#5B6F7A  
}
```

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 #5B6F7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B6F7A
}
```

## Border

The CSS property to change the border of an element to Hex 5B6F7A 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
#5B6F7A }
```

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

```
.border{ border-color:#5B6F7A }
```

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

Here you see how a box with a 4 pixel #5B6F7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B6F7A; -webkit-box-shadow:4px 4px  
4px 4px #5B6F7A; box-shadow:4px 4px 4px  
4px #5B6F7A }
```

# Background

The CSS property to change the background color of an element to Hex 5B6F7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B6F7A }
```

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

```
.background{ background-color:#5B6F7A }
```

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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