

# Converting Colors

Hex(5B7079)

Have a look what the booklet for  
Hex(5B7079) contains.

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# Color

**Hex(5B7079)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B7079
RGB	91, 112, 121
RGB Percent	36%, 44%, 47%
CMY	0.6431, 0.5608, 0.5255
CMYK	0.25, 0.07, 0.00, 0.53
HSL	198°, 14%, 42%
HSV	198°, 25%, 47%
XYZ	13.5597, 15.1930, 20.3070
YIQ	106.7470, -15.4050, -1.6530

# Conversions

## Conversions Part 2

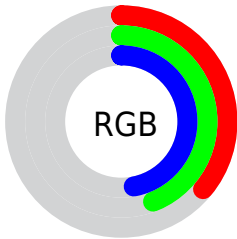
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 103, 121
Decimal	5992569
CIE <sub>Lab</sub>	45.90, -5.54, -7.55
CIE <sub>LCh</sub>	46, 9.362, 233.734
Yxy	15.1930, 0.2764, 0.3097
Android (android.graphics.Color)	4284182649 (0xFF5B7079)
YUV	106.7470, 7.0267, -13.8101
Hunter-Lab	38.9782, -6.1151, -3.6045

# Details

The Hex color **5B7079** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **79645B**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **8EA4AD**, and **2C4049** is the 20% darker color. If you saturate the color by 10%, you get **4F6C79**, and if you desaturate by 10%, it is **677479**.

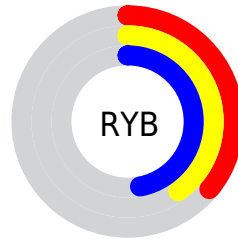
# Distribution



Red (36%)

Green (44%)

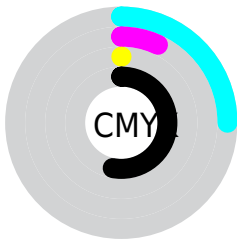
Blue (47%)



Red (36%)

Yellow (40%)

Blue (47%)

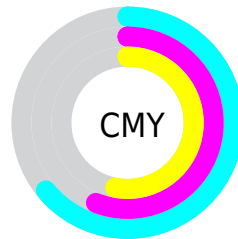


Cyan (25%)

Magenta (7%)

Yellow (0%)

Black (53%)



Cyan (64%)

Magenta (56%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B7079 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 5B7079 by changing the saturation by 10% instead.



■ 5B7079

■ 5B7079

FFFFFF

■ 435860

■ 8EA4AD

■ 2C4049

■ A8BFC9

■ 162A32

■ C4DBE5

■ 00161D

■ E0F7FF

■ 000001

■ FDFFFF

■ 000000

■ 5B7079

■ 5B7079

■ 4F6C79

■ 677479

■ 436979

■ 737779

■ 376579

■ 7F7B79

■ 2B6179

■ 8B7F79

■ 1F5E79

■ 978279

■ 125A79

■ A48679

■ 065779

■ B08979

■ 005579

■ BC8D79

■ C89179

# Harmonies

## Analogous

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



597173



5B7079



626E7C

# Triad

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



5B7079



7C676F



6C6E5E

# Complementary

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



5B7079



79645B

# 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.



756C5D



5B7079



7E6867

# Square

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



5B7079



756976



7B6960



637063

# Rectangle

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



5B7079



696C7C



7B6960



6F6D5E



# Sweetspot

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



5B7079



939B9E



5B7964



494D4F



CFCFCF



4F4F4F



# Same Dimension

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



5B7079



6F909E



5B6179



373B3D



00577D



00B1FC



# Inverse Universe

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



795B70



9E6F90



79735B



3D373B



7D0057



FC00B1



# Previews

## White Background



This preview shows how the Hex color 5B7079 looks on a white background.

## Color Contrast Check

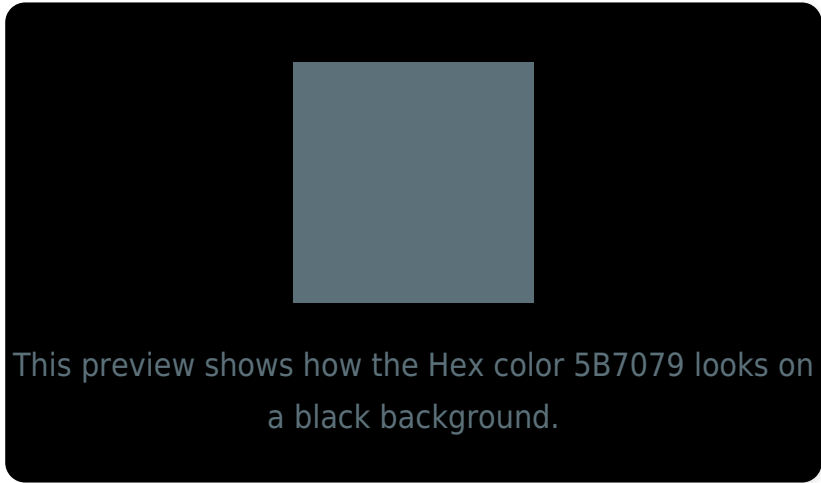
Large Text (above 18pt) WCAG AA ✓ Pass

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

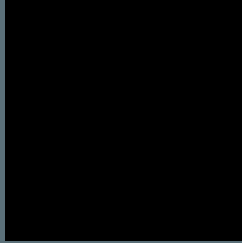
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

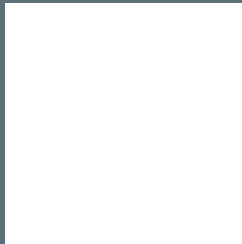
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5B7079 Background



This preview shows how black text looks on a background with the Hex color 5B7079.



This preview shows how white text looks on a background with the Hex color 5B7079.

# 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**  
5B7079

**Protanopia**  
6B6C76

**Deuteranopia**  
706A7A



**Tritanopia**  
5B7079

# Trichromacy



**Original Color**  
5B7079

**Protanomaly**  
656D77

**Deuteranomaly**  
686C7A

**Tritanomaly**  
5B7079

# Monochromacy



**Original Color**  
5B7079

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
656D70

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B7079 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 #5B7079 looks like.

```
.text, #text, p{  
    color:#5B7079  
}
```

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 #5B7079 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B7079
}
```

## Border

The CSS property to change the border of an element to Hex 5B7079 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
#5B7079 }
```

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

```
.border{ border-color:#5B7079 }
```

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

Here you see how a box with a 4 pixel #5B7079 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B7079; -webkit-box-shadow:4px 4px  
4px 4px #5B7079; box-shadow:4px 4px 4px  
4px #5B7079 }
```

# Background

The CSS property to change the background color of an element to Hex 5B7079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B7079 }
```

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

```
.background{ background-color:#5B7079 }
```

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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