

# Converting Colors

Hex(51747B)

Have a look what the booklet for  
Hex(51747B) contains.

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# Color

Hex(51747B)

# Conversions

## Conversions Part 1

Format	Color
Hex	51747B
RGB	81, 116, 123
RGB Percent	32%, 45%, 48%
CMY	0.6824, 0.5451, 0.5176
CMYK	0.34, 0.06, 0.00, 0.52
HSL	190°, 21%, 40%
HSV	190°, 34%, 48%
XYZ	13.2139, 15.6702, 21.0671
YIQ	106.3330, -23.1070, -5.2430

# Conversions

## Conversions Part 2

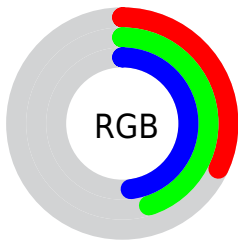
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 100, 123
Decimal	5338235
CIE <sub>Lab</sub>	46.54, -10.54, -7.85
CIE <sub>LCh</sub>	47, 13.145, 216.673
Yxy	15.6702, 0.2645, 0.3137
Android (android.graphics.Color)	4283528315 (0xFF51747B)
YUV	106.3330, 8.2168, -22.2170
Hunter-Lab	39.5856, -9.6905, -3.8437

# Details

The Hex color **51747B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7B5851**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **84A8AF**, and **21444A** is the 20% darker color. If you saturate the color by 10%, you get **45727B**, and if you desaturate by 10%, it is **5D767B**.

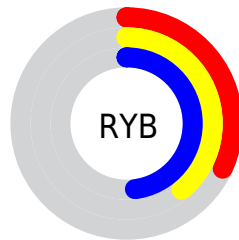
# Distribution



Red (32%)

Green (45%)

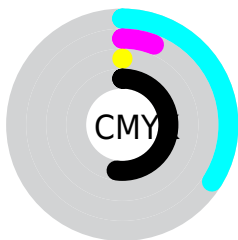
Blue (48%)



Red (32%)

Yellow (39%)

Blue (48%)

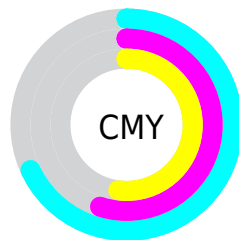


Cyan (34%)

Magenta (6%)

Yellow (0%)

Black (52%)



Cyan (68%)

Magenta (55%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 51747B 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 51747B by changing the saturation by 10% instead.



■ 51747B

■ 51747B

FFFFFF

■ 395B62

■ 84A8AF

■ 21444A

■ 9EC3CB

■ 072E34

■ BADFE7

■ 00191F

■ D6FCFF

■ 000005

■ F2FFFF

■ 000000

■ 51747B

■ 51747B

■ 45727B

■ 5D767B

■ 38707B

■ 6A787B

■ 2C6E7B

■ 767A7B

■ 206C7B

■ 827C7B

■ 136A7B

■ 8F7E7B

■ 07687B

■ 9B807B

■ 00667B

■ A7827B

■ B3847B

■ C0867B

# Harmonies

## Analogous

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



537570



51747B



587282

# Triad

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



51747B



7F6877



746E58

# Complementary

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



51747B



7B5851

# 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.



7F6B5A



51747B



85676C

# Square

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



51747B



736B80



856862



68725C

# Rectangle

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



51747B



607084



856862



786D58



# Sweetspot

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



51747B



919EA1



517B58



485052



D1D1D1



525252



# Same Dimension

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



51747B



5F96A1



515F7B



373C3D



00687D



00D2FC



# Inverse Universe

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



7B5174



A15F96



7B6D51



3D373C



7D0068



FC00D2



# Previews

## White Background



This preview shows how the Hex color 51747B looks on a white background.

## Color Contrast Check

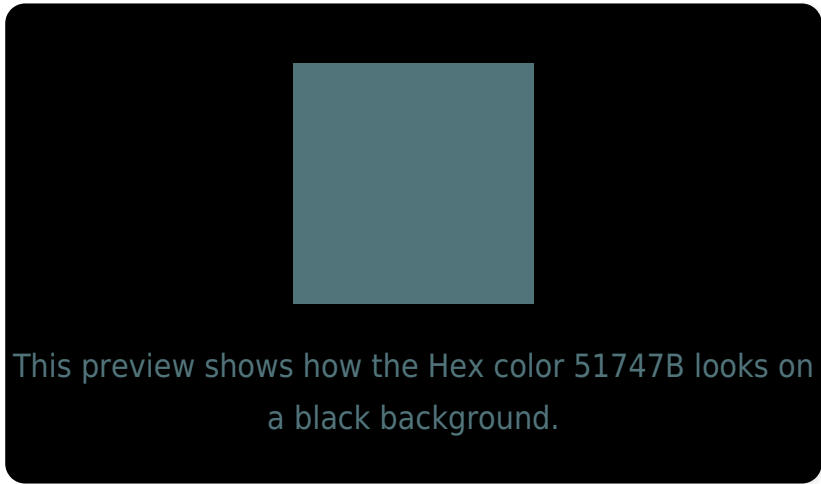
Large Text (above 18pt) WCAG AA ✓ Pass

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

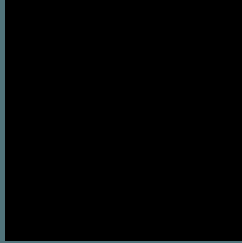
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 51747B Background



This preview shows how black text looks on a background with the Hex color 51747B.

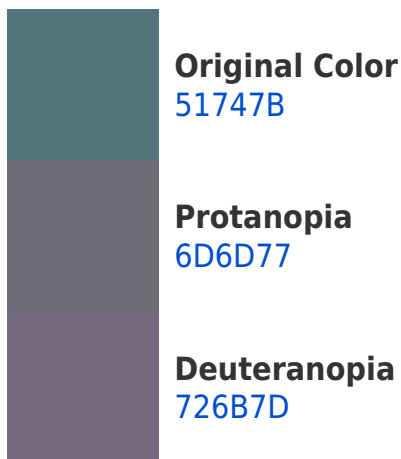


This preview shows how white text looks on a background with the Hex color 51747B.

# 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](#).

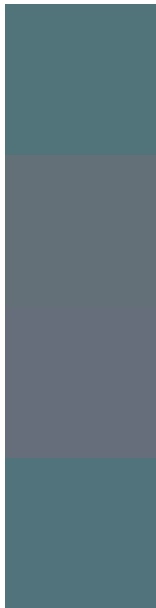
## Dichromacy





**Tritanopia**  
51747D

# Trichromacy



**Original Color**  
51747B

**Protanomaly**  
637078

**Deuteranomaly**  
666E7C

**Tritanomaly**  
51747C

# Monochromacy



**Original Color**  
51747B

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
616E70

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 51747B 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 #51747B looks like.

```
.text, #text, p{  
    color:#51747B  
}
```

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 #51747B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51747B
}
```

## Border

The CSS property to change the border of an element to Hex 51747B 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
#51747B }
```

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

```
.border{ border-color:#51747B }
```

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

Here you see how a box with a 4 pixel #51747B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51747B; -webkit-box-shadow:4px 4px  
4px 4px #51747B; box-shadow:4px 4px 4px  
4px #51747B }
```

# Background

The CSS property to change the background color of an element to Hex 51747B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51747B }
```

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

```
.background{ background-color:#51747B }
```

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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