

# Converting Colors

Hex(3B7477)

Have a look what the booklet for  
Hex(3B7477) contains.

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**Color**

**Hex(3B7477)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B7477
RGB	59, 116, 119
RGB Percent	23%, 45%, 47%
CMY	0.7686, 0.5451, 0.5333
CMYK	0.50, 0.03, 0.00, 0.53
HSL	183°, 34%, 35%
HSV	183°, 50%, 47%
XYZ	11.3788, 14.7525, 19.7006
YIQ	99.2990, -34.9350, -11.1510

# Conversions

## Conversions Part 2

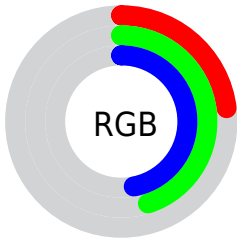
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 88, 119
Decimal	3896439
CIELab	45.29, -17.77, -7.44
CIElCh	45, 19.263, 202.724
Yxy	14.7525, 0.2483, 0.3219
Android (android.graphics.Color)	4282086519 (0xFF3B7477)
YUV	99.2990, 9.7126, -35.3422
Hunter-Lab	38.4090, -14.3345, -3.5245

# Details

The Hex color **3B7477** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **773E3B**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **6FA8AB**, and **004447** is the 20% darker color. If you saturate the color by 10%, you get **2F7377**, and if you desaturate by 10%, it is **477577**.

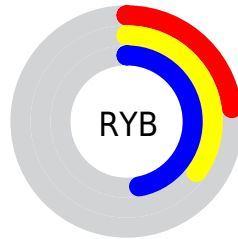
# Distribution



 Red (23%)

 Green (45%)

 Blue (47%)




 Red (23%)

 Yellow (35%)

 Blue (47%)

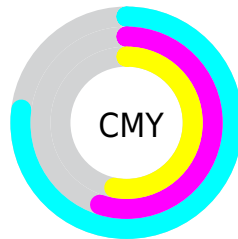


 Cyan (50%)


 Magenta (3%)

 Yellow (0%)

 Black (53%)



 Cyan (77%)

 Magenta (55%)

 Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B7477 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 3B7477 by changing the saturation by 10% instead.



■ 3B7477

■ 3B7477

FFFFFF

■ 205B5E

■ 6FA8AB

■ 004447

■ 8AC4C6

■ 002D30

■ A5E0E2

■ 001A1B

■ C1FCFF

■ 000000

■ DEFFFF

■ FBFFFF

■ 3B7477

■ 3B7477

■ 2F7377

■ 477577

■ 237377

■ 537577

■ 177277

■ 5F7677

■ 0B7277

■ 6B7677

■ 007177

■ 767777

■ 827877

■ 8E7877

■ 9A7977

■ A67977

# Harmonies

## Analogous

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



467467



3B7477



3F7284

# Triad

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



3B7477



7C637F



7A694B

# Complementary

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



3B7477



773E3B

# 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.



876452



3B7477



886070

# Square

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



3B7477



686889



8C6060



6A6E4D

# Rectangle

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



3B7477



4A6F89



8C6060



7F674D



# Sweetspot

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



3B7477



849A9C



3B773E



414E4F



CFCFCF



4F4F4F



# Same Dimension

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



3B7477



3D979C



3B5677



353A3B



00747A



00EDFA



# Inverse Universe

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



773B74



9C3D97



775C3B



3B353A



7A0074

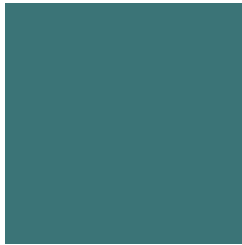


FA00ED



# Previews

## White Background



This preview shows how the Hex color 3B7477 looks on a white background.

## Color Contrast Check

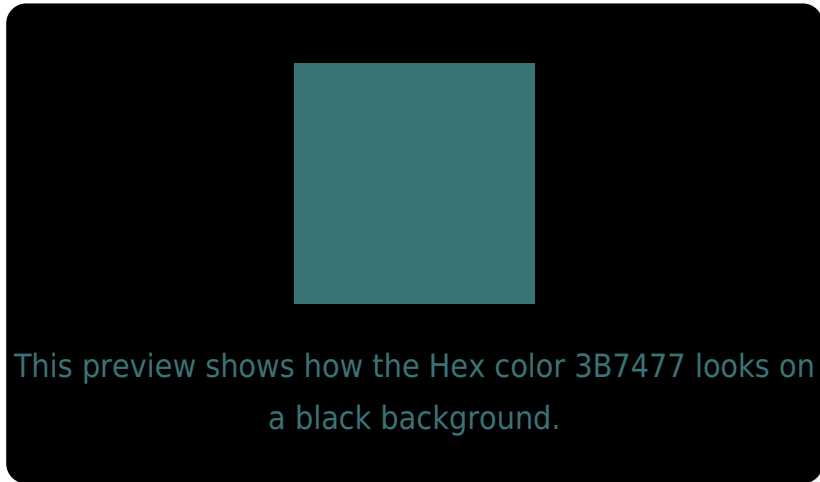
Large Text (above 18pt) WCAG AA ✓ Pass

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

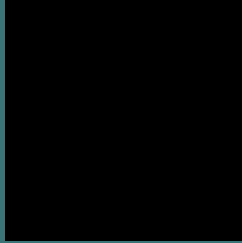
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3B7477 Background



This preview shows how black text looks on a background with the Hex color 3B7477.



This preview shows how white text looks on a background with the Hex color 3B7477.

# 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**  
3B7477

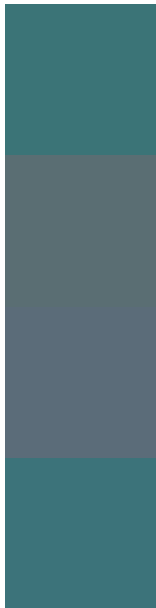
**Protanopia**  
6B6A71

**Deuteranopia**  
6E687A



**Tritanopia**  
3D737C

# Trichromacy



**Original Color**  
3B7477

**Protanomaly**  
5A6E73

**Deuteranomaly**  
5B6C79

**Tritanomaly**  
3C737A

# Monochromacy



**Original Color**  
3B7477

**Achromatopsia**  
636363

**Achromatomaly**  
54696A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B7477 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 #3B7477 looks like.

```
.text, #text, p{  
    color:#3B7477  
}
```

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 #3B7477 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B7477  
}
```

## Border

The CSS property to change the border of an element to Hex 3B7477 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  
#3B7477 }
```

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

```
.border{ border-color:#3B7477 }
```

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

Here you see how a box with a 4 pixel #3B7477 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B7477; -webkit-box-shadow:4px 4px  
4px 4px #3B7477; box-shadow:4px 4px 4px  
4px #3B7477 }
```

# Background

The CSS property to change the background color of an element to Hex 3B7477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B7477 }
```

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

```
.background{ background-color:#3B7477 }
```

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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