

# Converting Colors

Hex(477681)

Have a look what the booklet for  
Hex(477681) contains.

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# Color

**Hex(477681)**

# Conversions

## Conversions Part 1

Format	Color
Hex	477681
RGB	71, 118, 129
RGB Percent	28%, 46%, 51%
CMY	0.7216, 0.5373, 0.4941
CMYK	0.45, 0.09, 0.00, 0.49
HSL	191°, 29%, 39%
HSV	191°, 45%, 51%
XYZ	13.0394, 15.8814, 23.1471
YIQ	105.2010, -31.5430, -6.5430

# Conversions

## Conversions Part 2

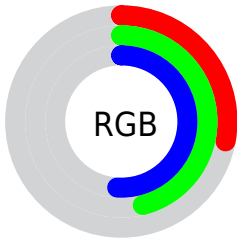
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	<b>71, 97, 129</b>
Decimal	4683393
CIE <sub>Lab</sub>	46.82, -12.89, -11.06
CIE <sub>LCh</sub>	47, 16.986, 220.613
Yxy	15.8814, 0.2504, 0.3050
Android (android.graphics.Color)	4282873473 (0xFF477681)
YUV	105.2010, 11.7329, -29.9943
Hunter-Lab	39.8515, -11.3350, -6.5415

# Details

The Hex color **477681** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **815247**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **7BAAB6**, and **124650** is the 20% darker color. If you saturate the color by 10%, you get **3A7481**, and if you desaturate by 10%, it is **547881**.

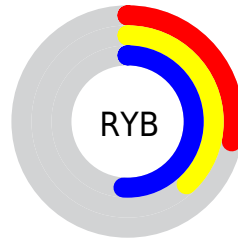
# Distribution



Red (28%)

Green (46%)

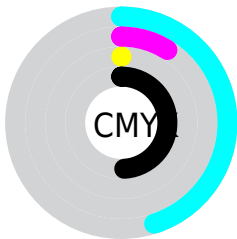
Blue (51%)



Red (28%)

Yellow (38%)

Blue (51%)

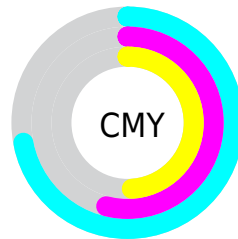


Cyan (45%)

Magenta (9%)

Yellow (0%)

Black (49%)



Cyan (72%)

Magenta (54%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 477681 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 477681 by changing the saturation by 10% instead.



477681

477681

FFFFFF

2D5D68

7BAAB6

124650

96C6D1

002F39

B1E2EE

001B23

CDFEFF

00010D

EAFFFF

000000

477681

477681

3A7481

547881

2D7181

617B81

■ 206F81

■ 6E7D81

■ 136C81

■ 7B8081

■ 076A81

■ 888281

■ 006981

■ 948581

■ A18781

■ AE8A81

■ BB8C81

# Harmonies

## Analogous

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



497774



477681



527389

# Triad

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



477681



866679



747053

# Complementary

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



477681



815247

# 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.



826B54



477681



8C656A

# Square

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



477681



786A85



8A675D



647459

# Rectangle

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



477681



5E708B



8A675D



796E53



# Sweetspot

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



477681



92A4A8



478152



475254



D4D4D4



545454



# Same Dimension

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



477681



4D97A8



475981



393F40



006780



000000



# Inverse Universe

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



814776



A84D97



816F47



40393F



800067

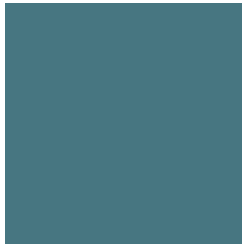


000000



# Previews

## White Background



This preview shows how the Hex color 477681 looks on a white background.

## Color Contrast Check

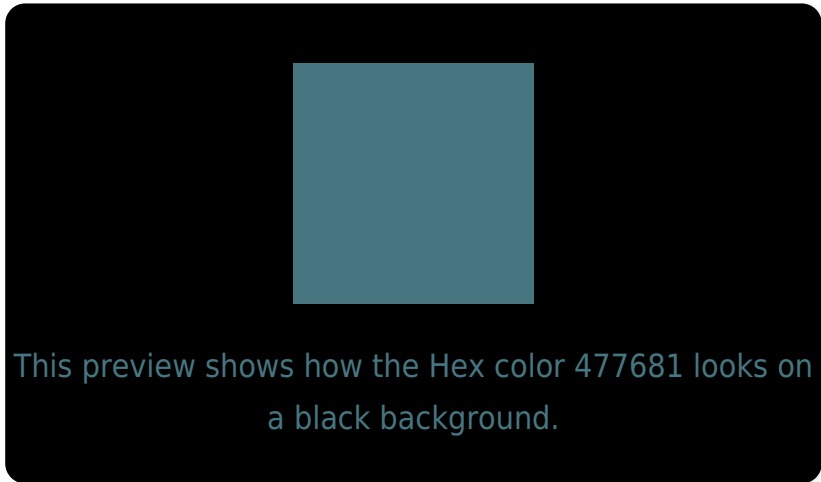
Large Text (above 18pt) WCAG AA ✓ Pass

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

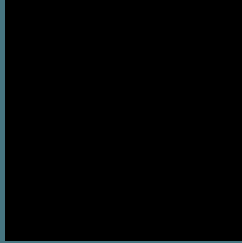
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 477681 Background



This preview shows how black text looks on a background with the Hex color 477681.

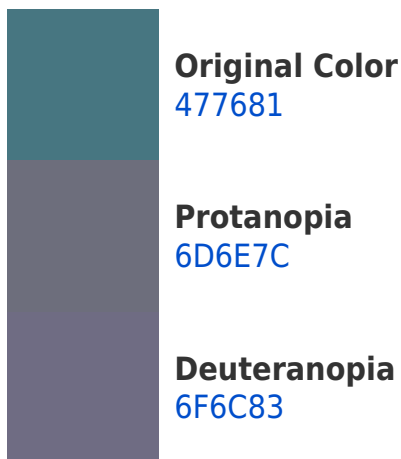


This preview shows how white text looks on a background with the Hex color 477681.

# 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**  
477680

# Trichromacy



**Original Color**  
477681

**Protanomaly**  
5F717E

**Deuteranomaly**  
607082

**Tritanomaly**  
477680

# Monochromacy



**Original Color**  
477681

**Achromatopsia**  
696969

**Achromatomaly**  
5D6E72

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 477681 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 #477681 looks like.

```
.text, #text, p{  
    color:#477681  
}
```

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 #477681 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #477681
}
```

## Border

The CSS property to change the border of an element to Hex 477681 is called "border". The border property can be set on classes, ids or directly on the HTML element.

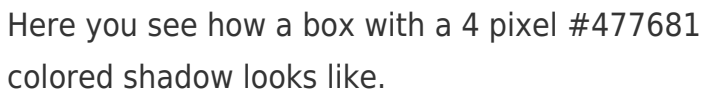
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#477681 }
```

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

```
.border{ border-color:#477681 }
```

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



Here you see how a box with a 4 pixel #477681 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #477681; -webkit-box-shadow:4px 4px  
4px 4px #477681; box-shadow:4px 4px 4px  
4px #477681 }
```

# Background

The CSS property to change the background color of an element to Hex 477681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#477681 }
```

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

```
.background{ background-color:#477681 }
```

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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