

Converting Colors

Hex(477163)

Have a look what the booklet for
Hex(477163) contains.

Hex(477163)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(477163)

Conversions

Conversions Part 1

Format	Color
Hex	477163
RGB	71, 113, 99
RGB Percent	28%, 44%, 39%
CMY	0.7216, 0.5569, 0.6118
CMYK	0.37, 0.00, 0.12, 0.56
HSL	160°, 23%, 36%
HSV	160°, 37%, 44%
XYZ	10.7558, 14.0507, 13.9495
YIQ	98.8460, -20.5380, -13.2580

Conversions

Conversions Part 2

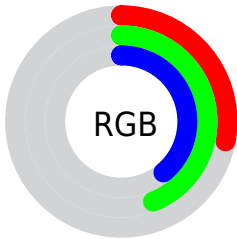
Format	Color
R_{YB}	71, 96, 113
Decimal	4682083
CIE Lab	44.31, -18.09, 3.15
CIE LCh	44, 18.365, 170.120
Yxy	14.0507, 0.2775, 0.3625
Android (android.graphics.Color)	4282872163 (0xFF477163)
YUV	98.8460, 0.0759, -24.4209
Hunter-Lab	37.4843, -14.3784, 4.1746




Details

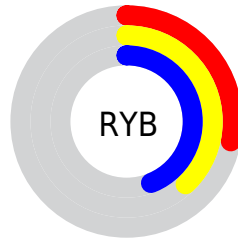
The Hex color **477163** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **714755**, and the grayscale version is **636363**.




A 20% lighter version of the original color is **79A596**, and **174135** is the 20% darker color. If you saturate the color by 10%, you get **3C715F**, and if you desaturate by 10%, it is **527167**.

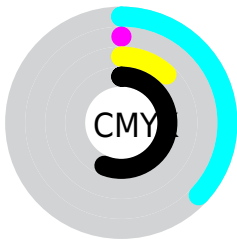
Distribution







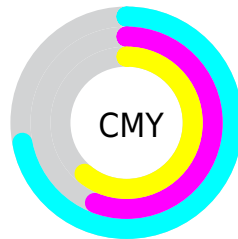
-  Red (28%)
-  Green (44%)
-  Blue (39%)






-  Red (28%)
-  Yellow (38%)
-  Blue (44%)



-  Cyan (37%)
-  Magenta (0%)
-  Yellow (12%)
-  Black (56%)



-  Cyan (72%)
-  Magenta (56%)
-  Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 477163 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 477163 by changing the saturation by 10% instead.

477163

477163

FFFFFF

2F584B

79A596

174135

93C0B0

002A1F

AEDCCC

001807

CAF9E8

000000

E7FFFF

477163

477163

3C715F

527167

30715B

5E716B

■ 257158

■ 69716E

■ 1A7154

■ 747172

■ 0F7150

■ 807176

■ 03714C

■ 8B717A

■ 00714B

■ 96717D

■ A17181

■ AD7185

Harmonies

Analogous

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



586F55



477163



3C7173

Triad

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



477163



646785



846152

Complementary

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



477163



714755

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.



885E5F



477163



77617C

Square

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



477163



4F6C86



845E6E



79664B

Rectangle

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



477163



3C707C



845E6E



866056

Sweetspot

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



477163



84948E



557147



404A47



C9C9C9



4A4A4A

Same Dimension

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



477163



51947E



476A71



323836



007850



00F7A5

Inverse Universe

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



714755



945168



714E47



383234



780028



F70052

Previews

White Background



This preview shows how the Hex color 477163 looks on a white background.

Color Contrast Check

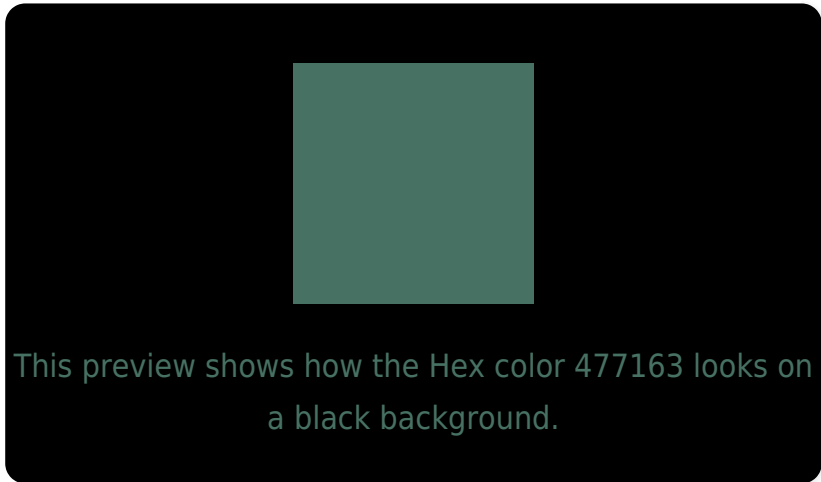
Large Text (above 18pt) WCAG AA ✓ Pass

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

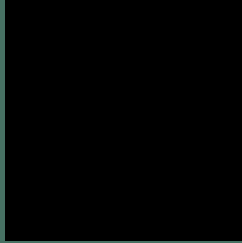
Any Text WCAG AA × Fail

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 477163 Background



This preview shows how black text looks on a background with the Hex color 477163.

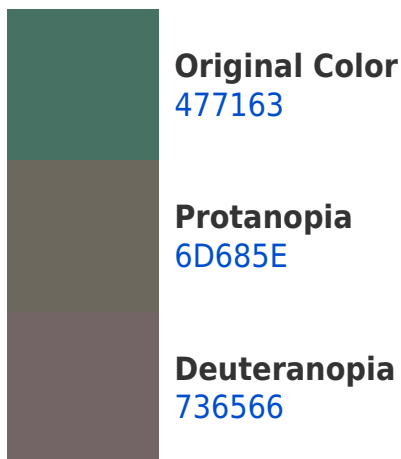


This preview shows how white text looks on a background with the Hex color 477163.

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](#).

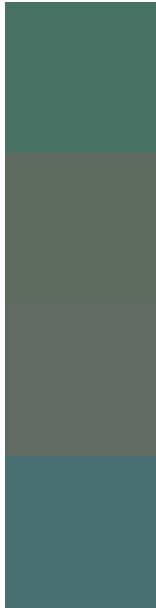
Dichromacy





Tritanopia
4C6E77

Trichromacy



Original Color
477163

Protanomaly
5F6B60

Deuteranomaly
636965

Tritanomaly
4A6F70

Monochromacy



Original Color
477163

Achromatopsia
636363

Achromatomaly
596863

CSS Examples

Text

The CSS property to change the color of the text to Hex 477163 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 #477163 looks like.

```
.text, #text, p{  
    color:#477163  
}
```

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 #477163 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #477163
}
```

Border

The CSS property to change the border of an element to Hex 477163 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
#477163 }
```

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

```
.border{ border-color:#477163 }
```

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

Here you see how a box with a 4 pixel #477163 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #477163; -webkit-box-shadow:4px 4px  
4px 4px #477163; box-shadow:4px 4px 4px  
4px #477163 }
```

Background

The CSS property to change the background color of an element to Hex 477163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#477163 }
```

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

```
.background{ background-color:#477163 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor