

Converting Colors

Hex(477B61)

Have a look what the booklet for
Hex(477B61) contains.

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Color

Hex(477B61)

Conversions

Conversions Part 1

Format	Color
Hex	477B61
RGB	71, 123, 97
RGB Percent	28%, 48%, 38%
CMY	0.7216, 0.5176, 0.6196
CMYK	0.42, 0.00, 0.21, 0.52
HSL	150°, 27%, 38%
HSV	150°, 42%, 48%
XYZ	11.8392, 16.3686, 13.8447
YIQ	104.4880, -22.6460, -19.1100

Conversions

Conversions Part 2

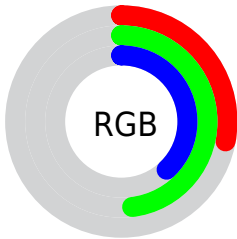
Format	Color
R_{YB}	71, 106, 123
Decimal	4684641
CIE _{Lab}	47.45, -23.80, 8.83
CIE _{LCh}	47, 25.389, 159.640
Yxy	16.3686, 0.2815, 0.3892
Android (android.graphics.Color)	4282874721 (0xFF477B61)
YUV	104.4880, -3.6916, -29.3690
Hunter-Lab	40.4581, -18.5676, 8.0317




Details

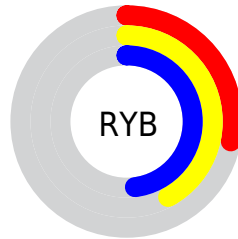
The Hex color **477B61** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7B4761**, and the grayscale version is **696969**.




A 20% lighter version of the original color is **7AB094**, and **154A33** is the 20% darker color. If you saturate the color by 10%, you get **3B7B5B**, and if you desaturate by 10%, it is **537B67**.

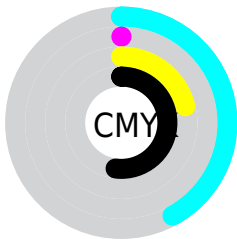
Distribution







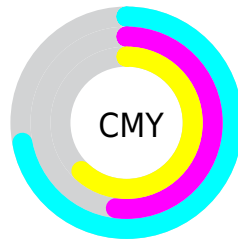
-  Red (28%)
-  Green (48%)
-  Blue (38%)






-  Red (28%)
-  Yellow (42%)
-  Blue (48%)



-  Cyan (42%)
-  Magenta (0%)
-  Yellow (21%)
-  Black (52%)



-  Cyan (72%)
-  Magenta (52%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 477B61 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 477B61 by changing the saturation by 10% instead.

477B61

477B61

FFFFFF

2E6249

7AB094

154A33

94CBAE

00331D

B0E8CA

001F05

CCFFE6

000000

E8FFFF

477B61

477B61

3B7B5B

537B67

2E7B55

607B6D

■ 227B4F

■ 6C7B73

■ 167B48

■ 787B7A

■ 097B42

■ 847B80

■ 007B3E

■ 917B86

■ 9D7B8C

■ A97B92

■ B67B98

Harmonies

Analogous

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



61774F



477B61



2E7C77

Triad

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



477B61



5E709A



986456

Complementary

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



477B61



7B4761

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.



9A606A



477B61



7C6992

Square

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



477B61



3C7798



916280



8C6A49

Rectangle

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



477B61



237C85



916280



9A625C

Sweetspot

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



477B61



8CA196



617B47



45524B



D1D1D1



525252

Same Dimension

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



477B61



4FA178



477B7B



373D3A



007D3E



00FC7E

Inverse Universe

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



7B4761



A14F78



7B4747



3D373A



7D003E



FC007E

Previews

White Background



This preview shows how the Hex color 477B61 looks on a white background.

Color Contrast Check

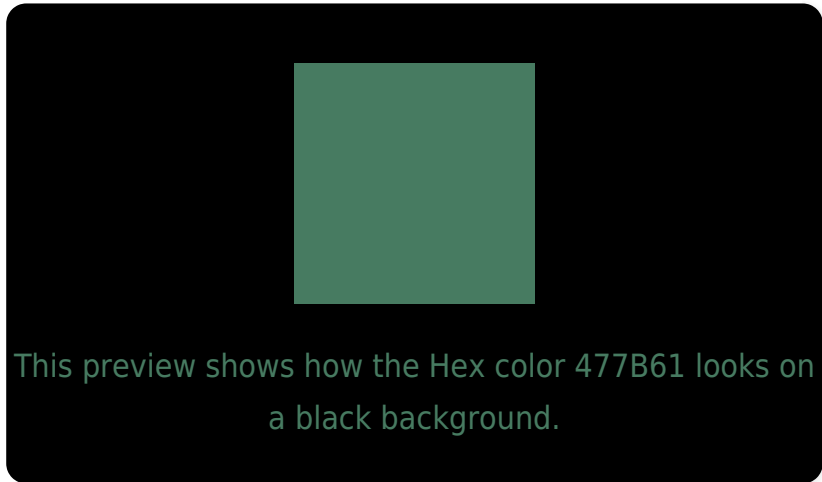
Large Text (above 18pt) WCAG AA ✓ Pass

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

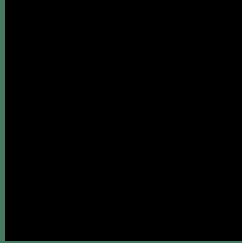
Any Text WCAG AA × Fail

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 477B61 Background



This preview shows how black text looks on a background with the Hex color 477B61.

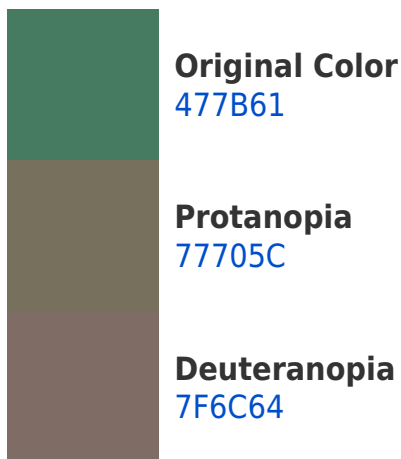


This preview shows how white text looks on a background with the Hex color 477B61.

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
4F7780

Trichromacy



Original Color
477B61

Protanomaly
66745E

Deuteranomaly
6B7163

Tritanomaly
4C7875

Monochromacy



Original Color
477B61

Achromatopsia
686868

Achromatomaly
5C6F65

CSS Examples

Text

The CSS property to change the color of the text to Hex 477B61 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 #477B61 looks like.

```
.text, #text, p{  
    color:#477B61  
}
```

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 #477B61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #477B61
}
```

Border

The CSS property to change the border of an element to Hex 477B61 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
#477B61 }
```

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

```
.border{ border-color:#477B61 }
```

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

Here you see how a box with a 4 pixel #477B61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #477B61; -webkit-box-shadow:4px 4px  
4px 4px #477B61; box-shadow:4px 4px 4px  
4px #477B61 }
```

Background

The CSS property to change the background color of an element to Hex 477B61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#477B61 }
```

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

```
.background{ background-color:#477B61 }
```

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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