

Converting Colors

Hex(477D51)

Have a look what the booklet for
Hex(477D51) contains.

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Color

Hex(477D51)

Conversions

Conversions Part 1

Format	Color
Hex	477D51
RGB	71, 125, 81
RGB Percent	28%, 49%, 32%
CMY	0.7216, 0.5098, 0.6824
CMYK	0.43, 0.00, 0.35, 0.51
HSL	131°, 28%, 38%
HSV	131°, 43%, 49%
XYZ	11.4174, 16.6009, 10.3871
YIQ	103.8380, -18.0600, -25.1320

Conversions

Conversions Part 2

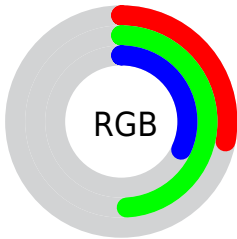
Format	Color
RYB	71, 117, 125
Decimal	4685137
CIELab	47.75, -28.09, 18.53
CIELCh	48, 33.656, 146.585
Yxy	16.6009, 0.2973, 0.4323
Android (android.graphics.Color)	4282875217 (0xFF477D51)
YUV	103.8380, -11.2591, -28.7989
Hunter-Lab	40.7442, -21.2831, 13.4059

Details

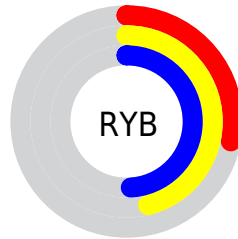
The Hex color **477D51** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7D4773**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **7AB283**, and **144B24** is the 20% darker color. If you saturate the color by 10%, you get **3B7D47**, and if you desaturate by 10%, it is **547D5B**.

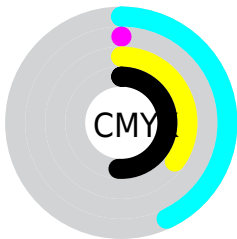
Distribution



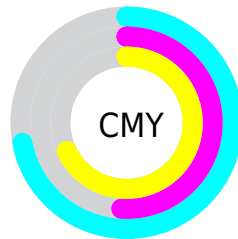
- Red (28%)
- Green (49%)
- Blue (32%)



- Red (28%)
- Yellow (46%)
- Blue (49%)



- Cyan (43%)
- Magenta (0%)
- Yellow (35%)
- Black (51%)



- Cyan (72%)
- Magenta (51%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 477D51 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 477D51 by changing the saturation by 10% instead.

■ 477D51

■ 477D51

FFFFFF

■ 2E643A

■ 7AB283

■ 144B24

■ 95CE9D

■ 00340F

■ B0EAB8

■ 002100

■ CCFFD4

■ 000000

■ E9FFF0

■ 477D51

■ 477D51

■ 3B7D47

■ 547D5B

■ 2E7D3D

■ 607D65

 227D32

 6D7D70

 157D28

 797D7A

 097D1E

 867D84

 007D17

 927D8E

 9F7D98

 AB7DA2

 B87DAD

Harmonies

Analogous

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



69773D



477D51



10806D

Triad

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



477D51



3B75AA



A75C59

Complementary

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



477D51



7D4773

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.



A45A76



477D51



6F6BA4

Square

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



477D51



007CA0



926191



9B6443

Rectangle

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



477D51



008081



926191



A85B63

Sweetspot

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



477D51



8EA392



737D47



455247



D1D1D1



525252

Same Dimension

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



477D51



4EA35E



477D6C



39403B



008018



000000

Inverse Universe

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



7D4773



A34E93



7D4758



40393F



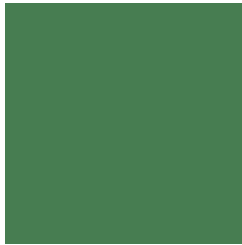
800068



000000

Previews

White Background



This preview shows how the Hex color 477D51 looks on a white background.

Color Contrast Check

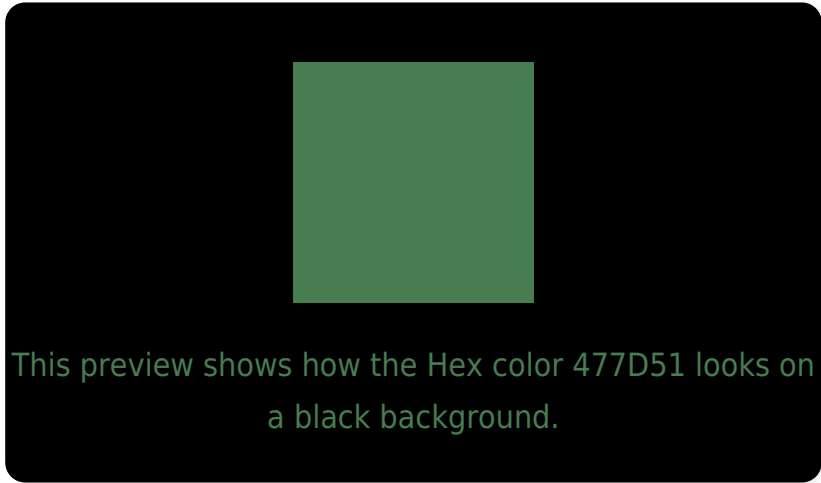
Large Text (above 18pt) WCAG AA ✓ Pass

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

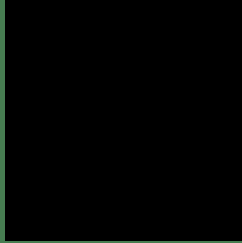
Any Text WCAG AA × Fail

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 477D51 Background



This preview shows how black text looks on a background with the Hex color 477D51.



This preview shows how white text looks on a background with the Hex color 477D51.

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
477D51

Protanopia
7A714C

Deuteranopia
856C55

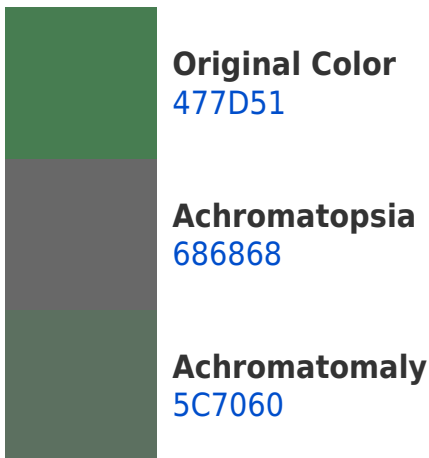


Tritanopia
517781

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 477D51 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 #477D51 looks like.

```
.text, #text, p{  
    color:#477D51  
}
```

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 #477D51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #477D51
}
```

Border

The CSS property to change the border of an element to Hex 477D51 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
#477D51 }
```

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

```
.border{ border-color:#477D51 }
```

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

Here you see how a box with a 4 pixel #477D51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #477D51; -webkit-box-shadow:4px 4px  
4px 4px #477D51; box-shadow:4px 4px 4px  
4px #477D51 }
```

Background

The CSS property to change the background color of an element to Hex 477D51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#477D51 }
```

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

```
.background{ background-color:#477D51 }
```

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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