

# Converting Colors

Hex(477A5E)

Have a look what the booklet for  
Hex(477A5E) contains.

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# Color

Hex(477A5E)

# Conversions

## Conversions Part 1

Format	Color
Hex	477A5E
RGB	71, 122, 94
RGB Percent	28%, 48%, 37%
CMY	0.7216, 0.5216, 0.6314
CMYK	0.42, 0.00, 0.23, 0.52
HSL	147°, 26%, 38%
HSV	147°, 42%, 48%
XYZ	11.5784, 16.0668, 13.0806
YIQ	103.5590, -21.4080, -19.5200

# Conversions

## Conversions Part 2

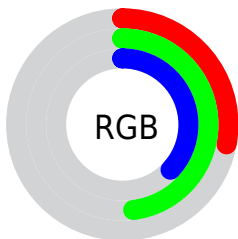
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 106, 122
Decimal	4684382
CIE <sub>Lab</sub>	47.06, -23.96, 10.04
CIE <sub>LCh</sub>	47, 25.978, 157.259
Yxy	16.0668, 0.2843, 0.3945
Android (android.graphics.Color)	4282874462 (0xFF477A5E)
YUV	103.5590, -4.7126, -28.5542
Hunter-Lab	40.0834, -18.5847, 8.7100

# Details

The Hex color **477A5E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7A4763**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **7AAF90**, and **154930** is the 20% darker color. If you saturate the color by 10%, you get **3B7A57**, and if you desaturate by 10%, it is **537A65**.

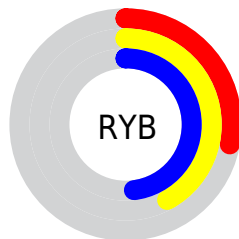
# Distribution



Red (28%)

Green (48%)

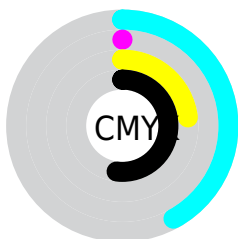
Blue (37%)



Red (28%)

Yellow (42%)

Blue (48%)

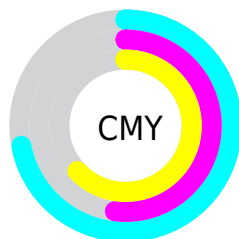


Cyan (42%)

Magenta (0%)

Yellow (23%)

Black (52%)



Cyan (72%)

Magenta (52%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 477A5E 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 477A5E by changing the saturation by 10% instead.





477A5E



477A5E

FFFFFF



2E6146



7AAF90



154930



94CAAB



00321B



AFE7C6



001E00



CBFFE2



000000



E8FFFF



477A5E



477A5E



3B7A57



537A65



2F7A51



5F7A6B

■ 227A4A

■ 6C7A72

■ 167A43

■ 787A79

■ 0A7A3D

■ 847A7F

■ 007A37

■ 907A86

■ 9C7A8D

■ A97A94

■ B57A9A

# Harmonies

## Analogous

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



61764C



477A5E



2C7B74

# Triad

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



477A5E



59709B



986256

# Complementary

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



477A5E



7A4763

# 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.



9A5F6B



477A5E



796892

# Square

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



477A5E



367697



906181



8C6948

# Rectangle

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



477A5E



1E7B83



906181



9A605D



# Sweetspot

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



477A5E



8A9E93



637A47



424F48



CFCFCF



4F4F4F



# Same Dimension

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



477A5E



4F9E73



477A77



373D3A



007D38



00FC72



# Inverse Universe

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



7A4763



9E4F7A



7A474A



3D373A



7D0045



FC008B



# Previews

## White Background



This preview shows how the Hex color 477A5E looks on a white background.

## Color Contrast Check

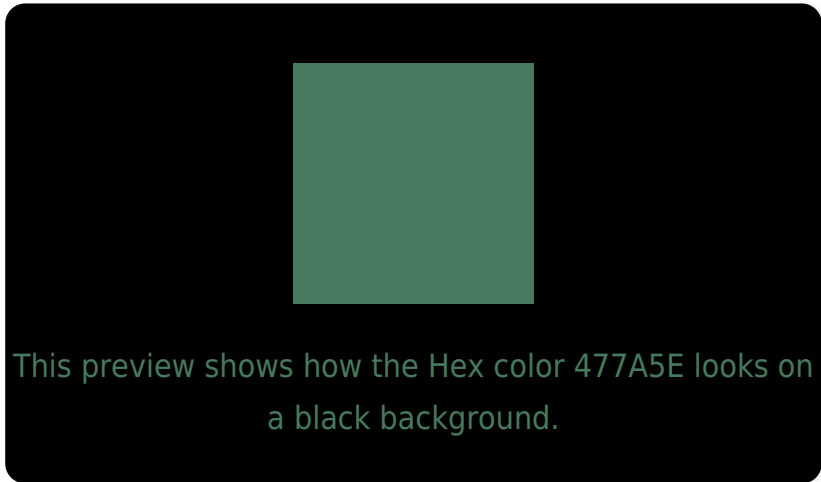
Large Text (above 18pt) WCAG AA ✓ Pass

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

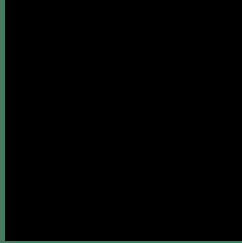
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 477A5E Background



This preview shows how black text looks on a background with the Hex color 477A5E.



This preview shows how white text looks on a background with the Hex color 477A5E.

# 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**  
477A5E

**Protanopia**  
766F59

**Deuteranopia**  
7F6B61



**Tritanopia**  
4F767F

# Trichromacy



**Original Color**  
477A5E

**Protanomaly**  
65735B

**Deuteranomaly**  
6B7060

**Tritanomaly**  
4C7773

# Monochromacy



**Original Color**  
477A5E

**Achromatopsia**  
686868

**Achromatomaly**  
5C6F64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 477A5E 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 #477A5E looks like.

```
.text, #text, p{  
    color:#477A5E  
}
```

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 #477A5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #477A5E
}
```

## Border

The CSS property to change the border of an element to Hex 477A5E 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
#477A5E }
```

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

```
.border{ border-color:#477A5E }
```

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

Here you see how a box with a 4 pixel #477A5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #477A5E; -webkit-box-shadow:4px 4px  
4px 4px #477A5E; box-shadow:4px 4px 4px  
4px #477A5E }
```

# Background

The CSS property to change the background color of an element to Hex 477A5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#477A5E }
```

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

```
.background{ background-color:#477A5E }
```

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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