

# Converting Colors

Hex(497A61)

Have a look what the booklet for  
Hex(497A61) contains.

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# Color

Hex(497A61)

# Conversions

## Conversions Part 1

Format	Color
Hex	497A61
RGB	73, 122, 97
RGB Percent	29%, 48%, 38%
CMY	0.7137, 0.5216, 0.6196
CMYK	0.40, 0.00, 0.20, 0.52
HSL	149°, 25%, 38%
HSV	149°, 40%, 48%
XYZ	11.8649, 16.1986, 13.8106
YIQ	104.4990, -21.1790, -18.1630

# Conversions

## Conversions Part 2

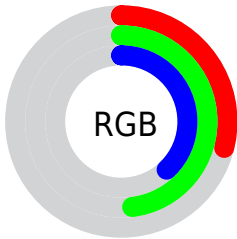
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 106, 122
Decimal	4815457
CIE <sub>Lab</sub>	47.23, -22.67, 8.54
CIE <sub>LCh</sub>	47, 24.226, 159.369
Yxy	16.1986, 0.2833, 0.3868
Android (android.graphics.Color)	4283005537 (0xFF497A61)
YUV	104.4990, -3.6970, -27.6246
Hunter-Lab	40.2475, -17.8118, 7.8284

# Details

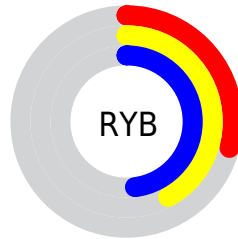
The Hex color **497A61** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A4962**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **7CAF94**, and **184933** is the 20% darker color. If you saturate the color by 10%, you get **3D7A5B**, and if you desaturate by 10%, it is **557A67**.

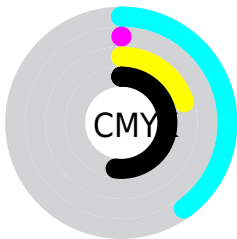
# Distribution



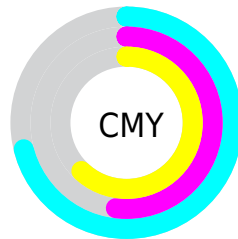
- Red (29%)
- Green (48%)
- Blue (38%)



- Red (29%)
- Yellow (42%)
- Blue (48%)



- Cyan (40%)
- Magenta (0%)
- Yellow (20%)
- Black (52%)



- Cyan (71%)
- Magenta (52%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 497A61 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 497A61 by changing the saturation by 10% instead.





497A61



497A61

FFFFFF



316149



7CAF94



184933



96CAAE



00321D



B1E6CA



001E05



CDFFE6



000000



EAEFFF



497A61



497A61



3D7A5B



557A67



317A55



617A6D

 247A4E

 6E7A74

 187A48

 7A7A7A

 0C7A42

 867A80

 007A3C

 927A86

 9E7A8D

 AB7A93

 B77A99

# Harmonies

## Analogous

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



617650



497A61



327B76

# Triad

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



497A61



5E7098



966457

# Complementary

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



497A61



7A4962

# 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.



98616A



497A61



7B6890

# Square

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



497A61



3F7696



8F627F



8A6A4A

# Rectangle

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



497A61



2A7B83



8F627F



98625D



# Sweetspot

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



497A61



8B9E94



627A49



444F49



CFCFCF



4F4F4F



# Same Dimension

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



497A61



529E77



497A79



373D3A



007D3D



00FC7C



# Inverse Universe

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



7A4962



9E5279



7A494A



3D373A



7D0040



FC0081



# Previews

## White Background



This preview shows how the Hex color 497A61 looks on a white background.

## Color Contrast Check

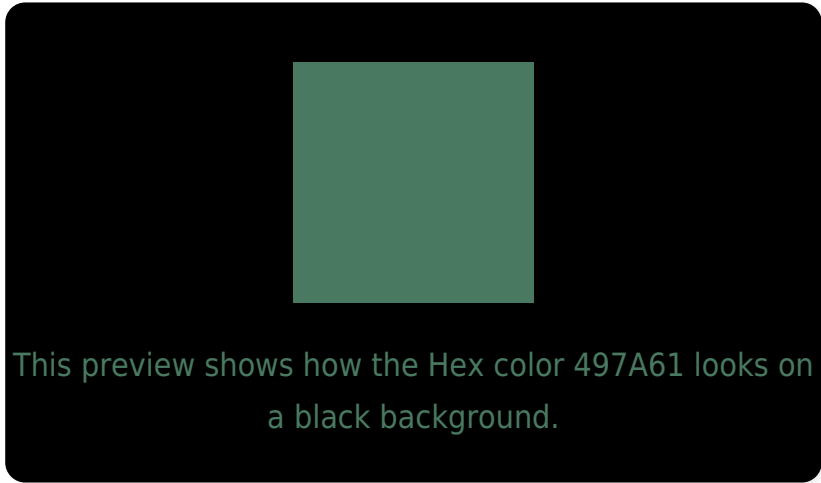
Large Text (above 18pt) WCAG AA ✓ Pass

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

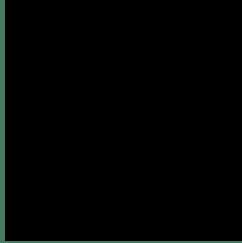
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 497A61 Background



This preview shows how black text looks on a background with the Hex color 497A61.

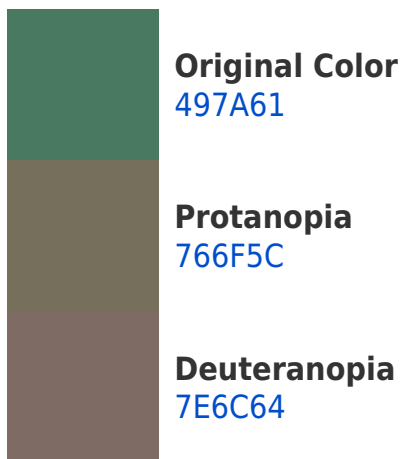



This preview shows how white text looks on a background with the Hex color 497A61.

# 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](#).

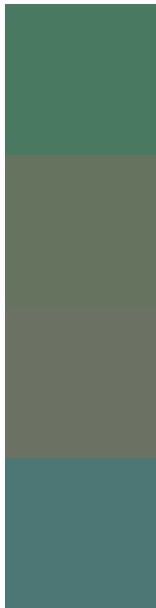
## Dichromacy





**Tritanopia**  
50767F

# Trichromacy



**Original Color**  
497A61

**Protanomaly**  
66735E

**Deuteranomaly**  
6B7163

**Tritanomaly**  
4D7774

# Monochromacy



**Original Color**  
497A61

**Achromatopsia**  
686868

**Achromatomaly**  
5D6F65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 497A61 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 #497A61 looks like.

```
.text, #text, p{  
    color:#497A61  
}
```

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 #497A61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #497A61
}
```

## Border

The CSS property to change the border of an element to Hex 497A61 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
#497A61 }
```

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

```
.border{ border-color:#497A61 }
```

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

Here you see how a box with a 4 pixel #497A61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #497A61; -webkit-box-shadow:4px 4px  
4px 4px #497A61; box-shadow:4px 4px 4px  
4px #497A61 }
```

# Background

The CSS property to change the background color of an element to Hex 497A61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#497A61 }
```

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

```
.background{ background-color:#497A61 }
```

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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