

# Converting Colors

Hex(497A74)

Have a look what the booklet for  
Hex(497A74) contains.

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# Color

Hex(497A74)

# Conversions

## Conversions Part 1

Format	Color
Hex	497A74
RGB	73, 122, 116
RGB Percent	29%, 48%, 45%
CMY	0.7137, 0.5216, 0.5451
CMYK	0.40, 0.00, 0.05, 0.52
HSL	173°, 25%, 38%
HSV	173°, 40%, 48%
XYZ	12.8596, 16.5965, 19.0487
YIQ	106.6650, -27.2780, -12.2540

# Conversions

## Conversions Part 2

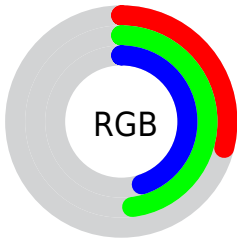
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 99, 122
Decimal	4815476
CIE <sub>Lab</sub>	47.75, -18.09, -1.95
CIE <sub>LCh</sub>	48, 18.194, 186.146
Yxy	16.5965, 0.2651, 0.3422
Android (android.graphics.Color)	4283005556 (0xFF497A74)
YUV	106.6650, 4.6022, -29.5242
Hunter-Lab	40.7388, -14.9477, 0.7943

# Details

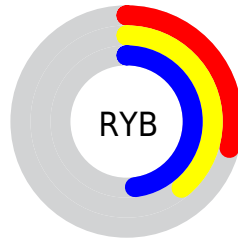
The Hex color **497A74** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A494F**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **7CAFA8**, and **164944** is the 20% darker color. If you saturate the color by 10%, you get **3D7A73**, and if you desaturate by 10%, it is **557A75**.

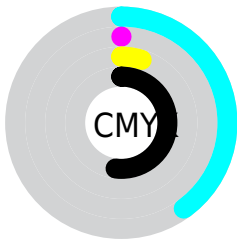
# Distribution



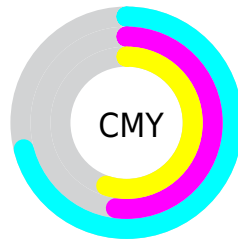
- Red (29%)
- Green (48%)
- Blue (45%)



- Red (29%)
- Yellow (39%)
- Blue (48%)



- Cyan (40%)
- Magenta (0%)
- Yellow (5%)
- Black (52%)



- Cyan (71%)
- Magenta (52%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 497A74 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 497A74 by changing the saturation by 10% instead.





497A74



497A74

FFFFFF



30615B



7CAFA8



164944



97CAC3



00322E



B2E6DF



001E19



CEFFFC



000000



EBFFFF



497A74



497A74



3D7A73



557A75



317A71



617A77

■ 247A70

■ 6E7A78

■ 187A6E

■ 7A7A7A

■ 0C7A6D

■ 867A7B

■ 007A6B

■ 927A7D

■ 9E7A7E

■ AB7A80

■ B77A81

# Harmonies

## Analogous

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



577964



497A74



457983

# Triad

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



497A74



786C8A



876C56

# Complementary

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



497A74



7A494F

# 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.



8F6860



497A74



88687E

# Square

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



497A74



637290



90666F



797153

# Rectangle

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



497A74



4A778A



90666F



8B6B58



# Sweetspot

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



497A74



8B9E9C



507A49



444F4E



CFCFCF



4F4F4F



# Same Dimension

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



497A74



529E95



49687A



373D3C



007D6E



00FCDE



# Inverse Universe

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



7A494F



9E525C



7A5B49



3D3738



7D000F



FC001F



# Previews

## White Background



This preview shows how the Hex color 497A74 looks on a white background.

## Color Contrast Check

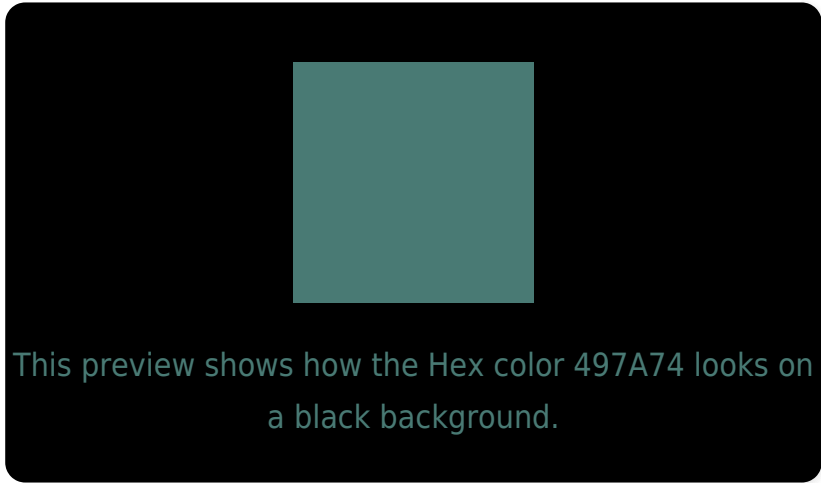
Large Text (above 18pt) WCAG AA ✓ Pass

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

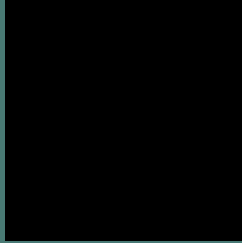
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 497A74 Background



This preview shows how black text looks on a background with the Hex color 497A74.

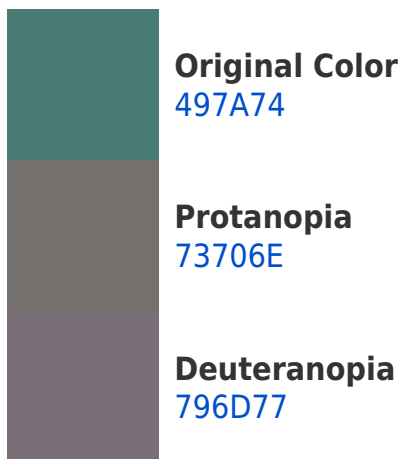


This preview shows how white text looks on a background with the Hex color 497A74.

# 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](#).

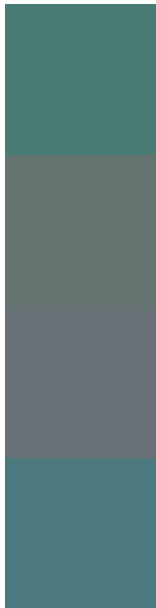
## Dichromacy





**Tritanopia**  
4D7882

# Trichromacy



**Original Color**  
497A74

**Protanomaly**  
647470

**Deuteranomaly**  
687276

**Tritanomaly**  
4C797D

# Monochromacy



**Original Color**  
497A74

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
5F706E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 497A74 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 #497A74 looks like.

```
.text, #text, p{  
    color:#497A74  
}
```

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 #497A74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #497A74
}
```

## Border

The CSS property to change the border of an element to Hex 497A74 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
#497A74 }
```

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

```
.border{ border-color:#497A74 }
```

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

Here you see how a box with a 4 pixel #497A74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #497A74; -webkit-box-shadow:4px 4px  
4px 4px #497A74; box-shadow:4px 4px 4px  
4px #497A74 }
```

# Background

The CSS property to change the background color of an element to Hex 497A74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#497A74 }
```

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

```
.background{ background-color:#497A74 }
```

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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