

# Converting Colors

Hex(497E74)

Have a look what the booklet for  
Hex(497E74) contains.

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# Color

Hex(497E74)

# Conversions

## Conversions Part 1

Format	Color
Hex	497E74
RGB	73, 126, 116
RGB Percent	29%, 49%, 45%
CMY	0.7137, 0.5059, 0.5451
CMYK	0.42, 0.00, 0.08, 0.51
HSL	169°, 27%, 39%
HSV	169°, 42%, 49%
XYZ	13.3609, 17.5991, 19.2158
YIQ	109.0130, -28.3780, -14.3460

# Conversions

## Conversions Part 2

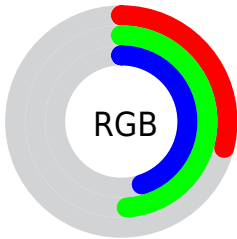
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 102, 126
Decimal	4816500
CIELab	49.01, -20.22, -0.10
CIELCh	49, 20.222, 180.294
Yxy	17.5991, 0.2663, 0.3507
Android (android.graphics.Color)	4283006580 (0xFF497E74)
YUV	109.0130, 3.4446, -31.5834
Hunter-Lab	41.9513, -16.5651, 2.2082

# Details

The Hex color **497E74** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7E4953**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **7CB3A8**, and **154D44** is the 20% darker color. If you saturate the color by 10%, you get **3C7E72**, and if you desaturate by 10%, it is **567E76**.

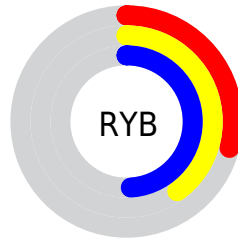
# Distribution



Red (29%)

Green (49%)

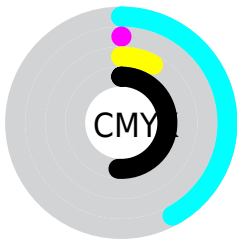
Blue (45%)



Red (29%)

Yellow (40%)

Blue (49%)

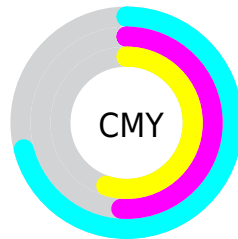


Cyan (42%)

Magenta (0%)

Yellow (8%)

Black (51%)



Cyan (71%)

Magenta (51%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 497E74 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 497E74 by changing the saturation by 10% instead.





497E74



497E74

FFFFFF



30655B



7CB3A8



154D44



97CFC3



00362E



B3EBDF



002119



CFFFC



000000



EBFFFF



497E74



497E74



3C7E72



567E76



307E6F



627E79

■ 237E6D

■ 6F7E7B

■ 177E6A

■ 7B7E7E

■ 0A7E68

■ 887E80

■ 007E66

■ 957E82

■ A17E85

■ AE7E87

■ BA7E89

# Harmonies

## Analogous

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



5B7C63



497E74



417D85

# Triad

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



497E74



777092



8F6E57

# Complementary

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



497E74



7E4953

# 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.



976964



497E74



8B6B86

# Square

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



497E74



5F7696



956875



817352

# Rectangle

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



497E74



457C8E



956875



926C5B



# Sweetspot

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



497E74



8EA39F



547E49



45524F



D1D1D1



525252



# Same Dimension

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



497E74



52A394



496E7E



39403F



008067



000000



# Inverse Universe

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



7E4953



A35261



7E5949



40393B



800018



000000



# Previews

## White Background



This preview shows how the Hex color 497E74 looks on a white background.

## Color Contrast Check

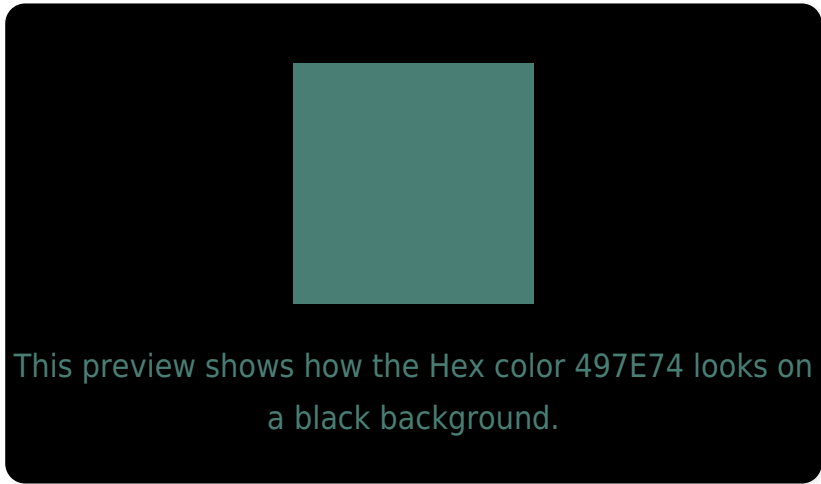
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

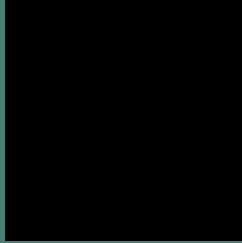
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 497E74 Background



This preview shows how black text looks on a background with the Hex color 497E74.

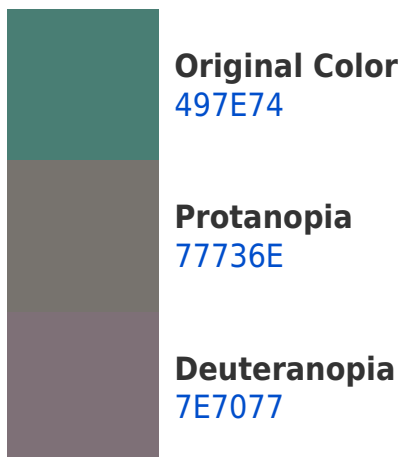


This preview shows how white text looks on a background with the Hex color 497E74.

# 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**  
4E7B85

# Trichromacy



**Original Color**  
497E74

**Protanomaly**  
667770

**Deuteranomaly**  
6B7576

**Tritanomaly**  
4C7C7F

# Monochromacy



**Original Color**  
497E74

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
607370

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 497E74 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 #497E74 looks like.

```
.text, #text, p{  
    color:#497E74  
}
```

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 #497E74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #497E74
}
```

## Border

The CSS property to change the border of an element to Hex 497E74 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
#497E74 }
```

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

```
.border{ border-color:#497E74 }
```

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

Here you see how a box with a 4 pixel #497E74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #497E74; -webkit-box-shadow:4px 4px  
4px 4px #497E74; box-shadow:4px 4px 4px  
4px #497E74 }
```

# Background

The CSS property to change the background color of an element to Hex 497E74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#497E74 }
```

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

```
.background{ background-color:#497E74 }
```

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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