

Converting Colors

Hex(497E63)

Have a look what the booklet for
Hex(497E63) contains.

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Color

Hex(497E63)

Conversions

Conversions Part 1

Format	Color
Hex	497E63
RGB	73, 126, 99
RGB Percent	29%, 49%, 39%
CMY	0.7137, 0.5059, 0.6118
CMYK	0.42, 0.00, 0.21, 0.51
HSL	149°, 27%, 39%
HSV	149°, 42%, 49%
XYZ	12.4606, 17.2390, 14.4751
YIQ	107.0750, -22.9210, -19.6330

Conversions

Conversions Part 2

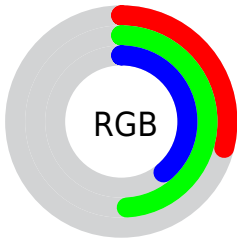
Format	Color
RYB	73, 109, 126
Decimal	4816483
CIELab	48.56, -24.27, 9.24
CIELCh	49, 25.971, 159.169
Yxy	17.2390, 0.2821, 0.3902
Android (android.graphics.Color)	4283006563 (0xFF497E63)
YUV	107.0750, -3.9810, -29.8838
Hunter-Lab	41.5199, -19.0898, 8.3936

Details

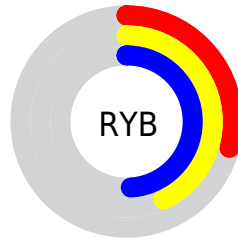
The Hex color **497E63** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7E4964**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **7CB396**, and **174D34** is the 20% darker color. If you saturate the color by 10%, you get **3C7E5D**, and if you desaturate by 10%, it is **567E69**.

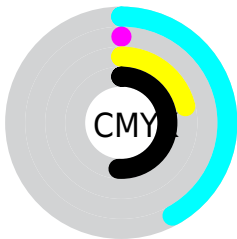
Distribution



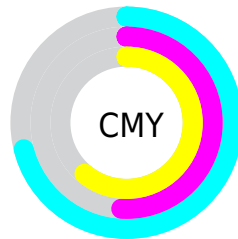
- Red (29%)
- Green (49%)
- Blue (39%)



- Red (29%)
- Yellow (43%)
- Blue (49%)



- Cyan (42%)
- Magenta (0%)
- Yellow (21%)
- Black (51%)



- Cyan (71%)
- Magenta (51%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 497E63 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 497E63 by changing the saturation by 10% instead.

 497E63

 497E63

FFFFFF

 30654B

 7CB396

 174D34

 97CFB0

 00351F

 B2EBCC

 002108

 CEFFE8

 000000

 EBFFFF

 497E63

 497E63

 3C7E5D

 567E69

 307E56

 627E70

■ 237E50

■ 6F7E76

■ 177E49

■ 7B7E7D

■ 0A7E43

■ 887E83

■ 007E3E

■ 957E8A

■ A17E90

■ AE7E96

■ BA7E9D

Harmonies

Analogous

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



637A51



497E63



2F7F7A

Triad

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



497E63



60739E



9C6659

Complementary

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



497E63



7E4964

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.



9E636D



497E63



7F6B95

Square

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



497E63



3C7A9C



956583



8F6D4B

Rectangle

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



497E63



237F88



956583



9E645F

Sweetspot

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



497E63



8EA398



647E49



45524B



D1D1D1



525252

Same Dimension

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



497E63



52A37A



497E7D



39403D



00803F



000000

Inverse Universe

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



7E4964



A3527B



7E494A



40393D



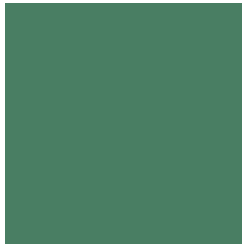
800041



000000

Previews

White Background



This preview shows how the Hex color 497E63 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

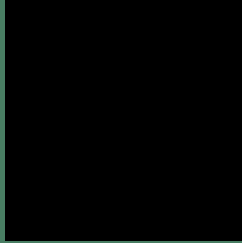
Any Text WCAG AA × Fail

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 497E63 Background



This preview shows how black text looks on a background with the Hex color 497E63.

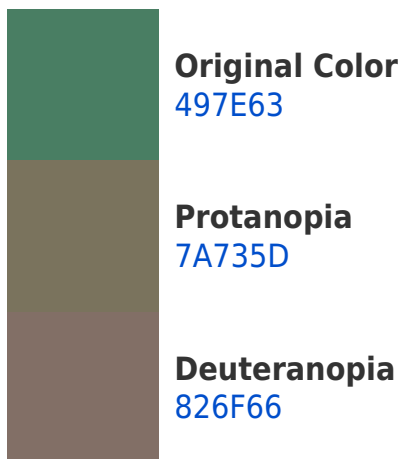



This preview shows how white text looks on a background with the Hex color 497E63.

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](#).

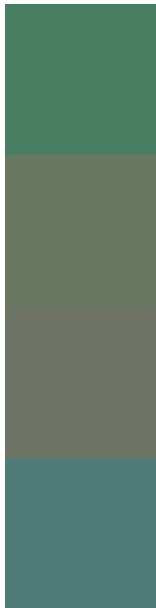
Dichromacy





Tritanopia
517A83

Trichromacy



Original Color
497E63

Protanomaly
68775F

Deuteranomaly
6D7465

Tritanomaly
4E7B77

Monochromacy



Original Color
497E63

Achromatopsia
6B6B6B

Achromatomaly
5F7268

CSS Examples

Text

The CSS property to change the color of the text to Hex 497E63 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 #497E63 looks like.

```
.text, #text, p{  
    color:#497E63  
}
```

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 #497E63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #497E63  
}
```

Border

The CSS property to change the border of an element to Hex 497E63 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  
#497E63 }
```

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

```
.border{ border-color:#497E63 }
```

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

Here you see how a box with a 4 pixel #497E63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #497E63; -webkit-box-shadow:4px 4px  
4px 4px #497E63; box-shadow:4px 4px 4px  
4px #497E63 }
```

Background

The CSS property to change the background color of an element to Hex 497E63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#497E63 }
```

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

```
.background{ background-color:#497E63 }
```

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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