

Converting Colors

Hex(497B77)

Have a look what the booklet for
Hex(497B77) contains.

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Color

Hex(497B77)

Conversions

Conversions Part 1

Format	Color
Hex	497B77
RGB	73, 123, 119
RGB Percent	29%, 48%, 47%
CMY	0.7137, 0.5176, 0.5333
CMYK	0.41, 0.00, 0.03, 0.52
HSL	175°, 26%, 38%
HSV	175°, 41%, 48%
XYZ	13.1604, 16.9143, 20.0239
YIQ	107.5940, -28.5160, -11.8440

Conversions

Conversions Part 2

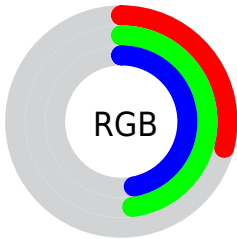
Format	Color
R_{YB}	73, 99, 123
Decimal	4815735
CIE _{Lab}	48.15, -17.85, -3.13
CIE _{LCh}	48, 18.118, 189.942
Yxy	16.9143, 0.2627, 0.3376
Android (android.graphics.Color)	4283005815 (0xFF497B77)
YUV	107.5940, 5.6232, -30.3389
Hunter-Lab	41.1270, -14.8533, -0.0782

Details

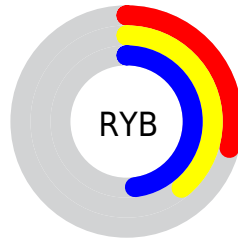
The Hex color **497B77** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7B494D**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **7CB0AB**, and **164A47** is the 20% darker color. If you saturate the color by 10%, you get **3D7B76**, and if you desaturate by 10%, it is **557B78**.

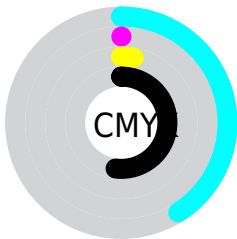
Distribution



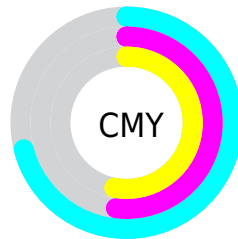
- Red (29%)
- Green (48%)
- Blue (47%)



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



- Cyan (41%)
- Magenta (0%)
- Yellow (3%)
- Black (52%)



- Cyan (71%)
- Magenta (52%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 497B77 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 497B77 by changing the saturation by 10% instead.



497B77



497B77

FFFFFF



30625E



7CB0AB



164A47



97CBC6



003330



B2E7E2



001F1C



CEFFFF



000000



EBFFFF



497B77



497B77



3D7B76



557B78



307B75



627B79

■ 247B74

■ 6E7B7A

■ 187B73

■ 7A7B7B

■ 0B7B72

■ 877B7C

■ 007B71

■ 937B7D

■ 9F7B7E

■ AB7B7F

■ B87B80

Harmonies

Analogous

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



567A67



497B77



477A85

Triad

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



497B77



7B6D8A



876E56

Complementary

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



497B77



7B494D

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.



90695F



497B77



8A697D

Square

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



497B77



677290



91676E



787354

Rectangle

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



497B77



4D788C



91676E



8A6C58

Sweetspot

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



497B77



8DA19F



4D7B49



465251



D1D1D1



525252

Same Dimension

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



497B77



52A19A



49667B



373D3D



007D73



00FCE8

Inverse Universe

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



7B494D



A15258



7B5E49



3D3738



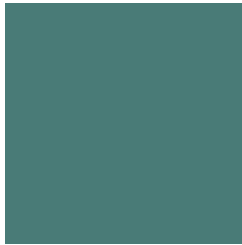
7D000A



FC0014

Previews

White Background



This preview shows how the Hex color 497B77 looks on a white background.

Color Contrast Check

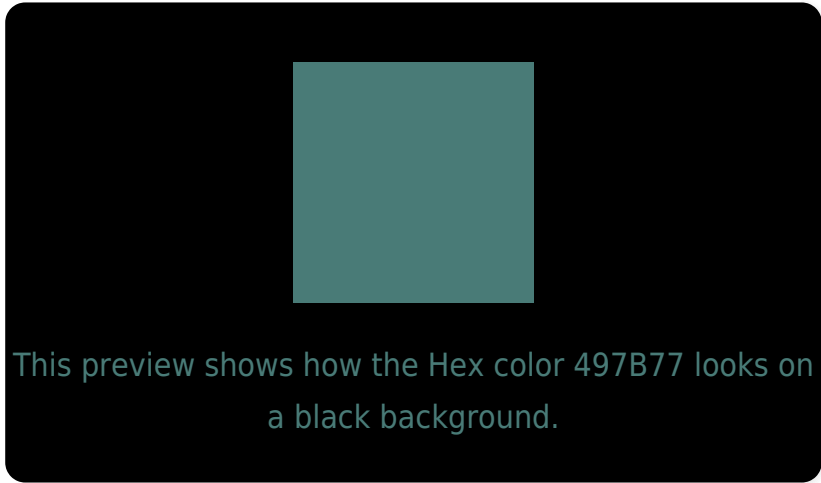
Large Text (above 18pt) WCAG AA ✓ Pass

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

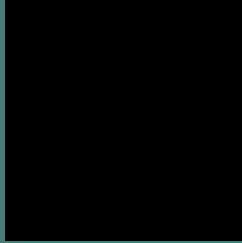
Any Text WCAG AA × Fail

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 497B77 Background



This preview shows how black text looks on a background with the Hex color 497B77.



This preview shows how white text looks on a background with the Hex color 497B77.

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](#).

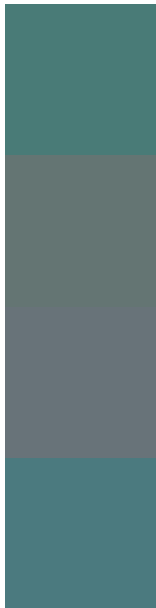
Dichromacy





Tritanopia
4C7983

Trichromacy



Original Color
497B77

Protanomaly
647573

Deuteranomaly
687379

Tritanomaly
4B7A7F

Monochromacy



Original Color
497B77

Achromatopsia
6C6C6C

Achromatomaly
5F7170

CSS Examples

Text

The CSS property to change the color of the text to Hex 497B77 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 #497B77 looks like.

```
.text, #text, p{  
    color:#497B77  
}
```

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 #497B77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #497B77  
}
```

Border

The CSS property to change the border of an element to Hex 497B77 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  
#497B77 }
```

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

```
.border{ border-color:#497B77 }
```

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

Here you see how a box with a 4 pixel #497B77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #497B77; -webkit-box-shadow:4px 4px  
4px 4px #497B77; box-shadow:4px 4px 4px  
4px #497B77 }
```

Background

The CSS property to change the background color of an element to Hex 497B77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#497B77 }
```

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

```
.background{ background-color:#497B77 }
```

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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