

Converting Colors

Hex(497E7A)

Have a look what the booklet for
Hex(497E7A) contains.

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Color

Hex(497E7A)

Conversions

Conversions Part 1

Format	Color
Hex	497E7A
RGB	73, 126, 122
RGB Percent	29%, 49%, 48%
CMY	0.7137, 0.5059, 0.5216
CMYK	0.42, 0.00, 0.03, 0.51
HSL	175°, 27%, 39%
HSV	175°, 42%, 49%
XYZ	13.7214, 17.7433, 21.1140
YIQ	109.6970, -30.3040, -12.4800

Conversions

Conversions Part 2

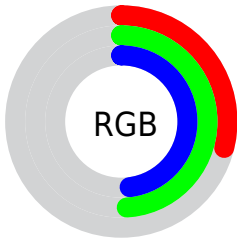
Format	Color
R_{YB}	73, 101, 126
Decimal	4816506
CIE _{Lab}	49.18, -18.67, -3.38
CIE _{LCh}	49, 18.971, 190.254
Yxy	17.7433, 0.2610, 0.3375
Android (android.graphics.Color)	4283006586 (0xFF497E7A)
YUV	109.6970, 6.0654, -32.1833
Hunter-Lab	42.1228, -15.5692, -0.2330

Details

The Hex color **497E7A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7E494D**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **7DB3AE**, and **154D49** is the 20% darker color. If you saturate the color by 10%, you get **3C7E79**, and if you desaturate by 10%, it is **567E7B**.

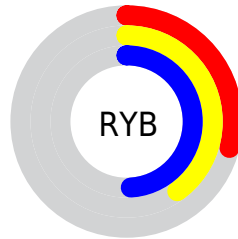
Distribution



Red (29%)

Green (49%)

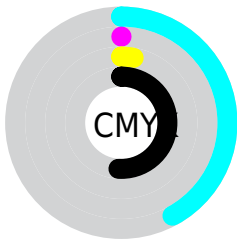
Blue (48%)



Red (29%)

Yellow (40%)

Blue (49%)

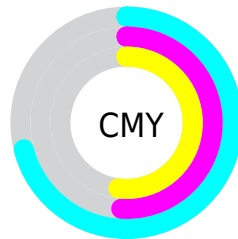


Cyan (42%)

Magenta (0%)

Yellow (3%)

Black (51%)



Cyan (71%)

Magenta (51%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 497E7A 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 497E7A by changing the saturation by 10% instead.



497E7A



497E7A

FFFFFF



306561



7DB3AE



154D49



97CECA



003633



B3EBE6



00211E



CFFFFFF



000005



ECFFFF



000000



497E7A



497E7A



3C7E79



567E7B



307E78



627E7C

■ 237E77

■ 6F7E7D

■ 177E76

■ 7B7E7E

■ 0A7E75

■ 887E7F

■ 007E74

■ 957E80

■ A17E81

■ AE7E82

■ BA7E83

Harmonies

Analogous

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



577D6A



497E7A



477D89

Triad

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



497E7A



7E6F8D



8A7057

Complementary

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



497E7A



7E494D

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.



946C61



497E7A



8E6B80

Square

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



497E7A



697494



956970



7B7655

Rectangle

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



497E7A



4E7B90



956970



8E6E5A

Sweetspot

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



497E7A



8EA3A2



4D7E49



455251



D1D1D1



525252

Same Dimension

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



497E7A



52A39D



49687E



39403F



008076



000000

Inverse Universe

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



7E494D



A35258



7E5F49



40393A



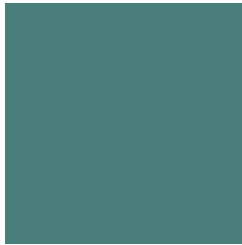
80000A



000000

Previews

White Background



This preview shows how the Hex color 497E7A looks on a white background.

Color Contrast Check

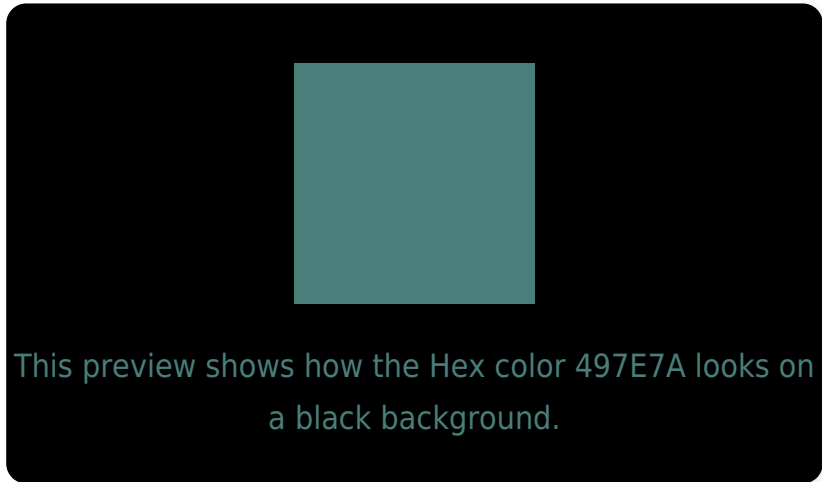
Large Text (above 18pt) WCAG AA ✓ Pass

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

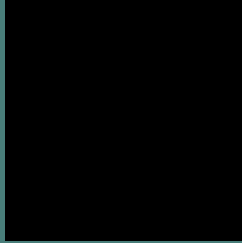
Any Text WCAG AA ✓ Pass

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 497E7A Background



This preview shows how black text looks on a background with the Hex color 497E7A.

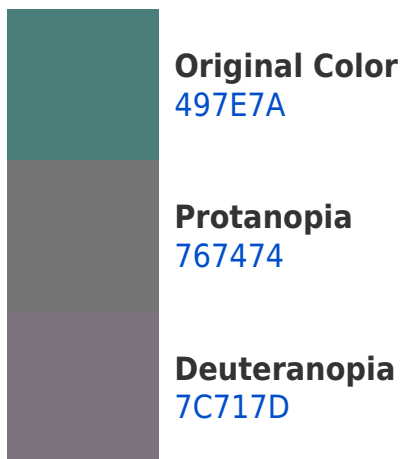


This preview shows how white text looks on a background with the Hex color 497E7A.

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](#).

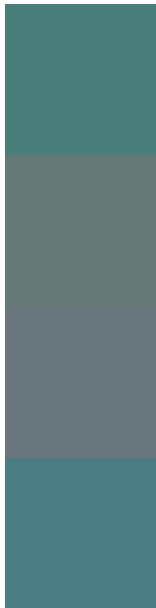
Dichromacy





Tritanopia
4C7C86

Trichromacy



Original Color
497E7A

Protanomaly
667876

Deuteranomaly
69767C

Tritanomaly
4B7D82

Monochromacy



Original Color
497E7A

Achromatopsia
6E6E6E

Achromatomaly
617472

CSS Examples

Text

The CSS property to change the color of the text to Hex 497E7A 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 #497E7A looks like.

```
.text, #text, p{  
    color:#497E7A  
}
```

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 #497E7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #497E7A
}
```

Border

The CSS property to change the border of an element to Hex 497E7A 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
#497E7A }
```

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

```
.border{ border-color:#497E7A }
```

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

Here you see how a box with a 4 pixel #497E7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #497E7A; -webkit-box-shadow:4px 4px  
4px 4px #497E7A; box-shadow:4px 4px 4px  
4px #497E7A }
```

Background

The CSS property to change the background color of an element to Hex 497E7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#497E7A }
```

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

```
.background{ background-color:#497E7A }
```

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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