

Converting Colors

Hex(497A6F)

Have a look what the booklet for
Hex(497A6F) contains.

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Color

Hex(497A6F)

Conversions

Conversions Part 1

Format	Color
Hex	497A6F
RGB	73, 122, 111
RGB Percent	29%, 48%, 44%
CMY	0.7137, 0.5216, 0.5647
CMYK	0.40, 0.00, 0.09, 0.52
HSL	167°, 25%, 38%
HSV	167°, 40%, 48%
XYZ	12.5764, 16.4832, 17.5577
YIQ	106.0950, -25.6730, -13.8090

Conversions

Conversions Part 2

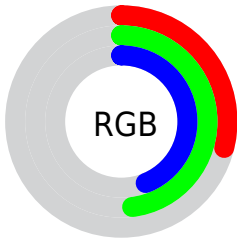
Format	Color
R_{YB}	73, 101, 122
Decimal	4815471
CIE _{Lab}	47.60, -19.36, 0.80
CIE _{LCh}	48, 19.377, 177.635
Yxy	16.4832, 0.2698, 0.3536
Android (android.graphics.Color)	4283005551 (0xFF497A6F)
YUV	106.0950, 2.4182, -29.0243
Hunter-Lab	40.5995, -15.7557, 2.7792

Details

The Hex color **497A6F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A4954**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **7CAFA3**, and **17493F** is the 20% darker color. If you saturate the color by 10%, you get **3D7A6C**, and if you desaturate by 10%, it is **557A72**.

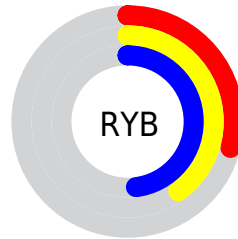
Distribution



Red (29%)

Green (48%)

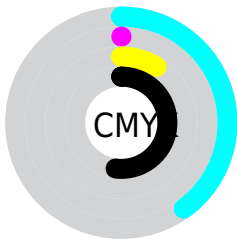
Blue (44%)



Red (29%)

Yellow (40%)

Blue (48%)

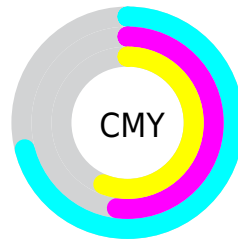


Cyan (40%)

Magenta (0%)

Yellow (9%)

Black (52%)



Cyan (71%)

Magenta (52%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 497A6F 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 497A6F by changing the saturation by 10% instead.



497A6F



497A6F

FFFFFF



306157



7CAFA3



17493F



97CABE



00322A



B2E6D9



001E15



CEFFF6



000000



EAFFFF



497A6F



497A6F



3D7A6C



557A72



317A6A



617A74

■ 247A67

■ 6E7A77

■ 187A64

■ 7A7A7A

■ 0C7A61

■ 867A7D

■ 007A5F

■ 927A7F

■ 9E7A82

■ AB7A85

■ B77A88

Harmonies

Analogous

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



5A785F



497A6F



407A7F

Triad

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



497A6F



726D8E



8B6A56

Complementary

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



497A6F



7A4954

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.



926663



497A6F



856883

Square

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



497A6F



5B7391



906573



7E6F50

Rectangle

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



497A6F



437888



906573



8E685A

Sweetspot

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



497A6F



8B9E9A



547A49



444F4D



CFCFCF



4F4F4F

Same Dimension

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



497A6F



529E8D



496D7A



373D3C



007D61



00FCC4

Inverse Universe

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



7A4954



9E5263



7A5649



3D3738



7D001C



FC0039

Previews

White Background



This preview shows how the Hex color 497A6F looks on a white background.

Color Contrast Check

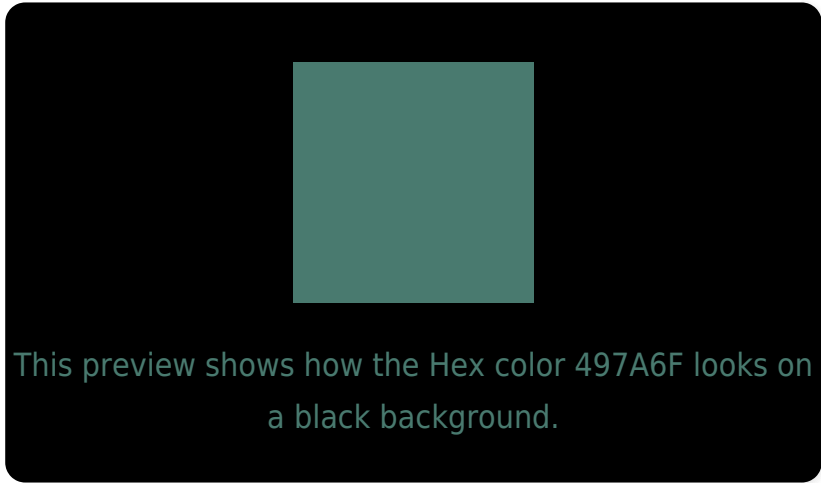
Large Text (above 18pt) WCAG AA ✓ Pass

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

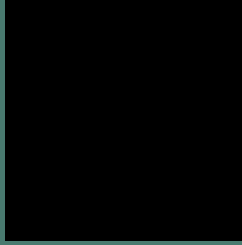
Any Text WCAG AA × Fail

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 497A6F Background



This preview shows how black text looks on a background with the Hex color 497A6F.

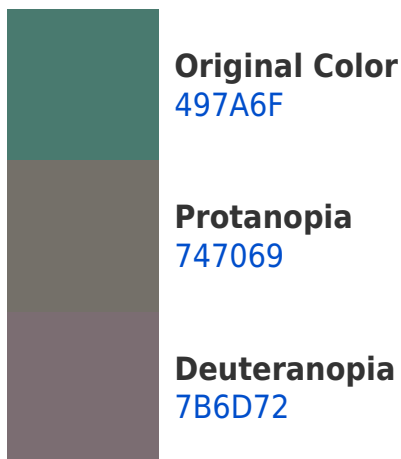


This preview shows how white text looks on a background with the Hex color 497A6F.

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](#).

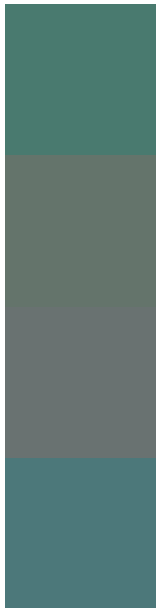
Dichromacy





Tritanopia
4E7781

Trichromacy



Original Color
497A6F

Protanomaly
64746B

Deuteranomaly
697271

Tritanomaly
4C787A

Monochromacy



Original Color
497A6F

Achromatopsia
6A6A6A

Achromatomaly
5E706C

CSS Examples

Text

The CSS property to change the color of the text to Hex 497A6F 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 #497A6F looks like.

```
.text, #text, p{  
    color:#497A6F  
}
```

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 #497A6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #497A6F
}
```

Border

The CSS property to change the border of an element to Hex 497A6F 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
#497A6F }
```

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

```
.border{ border-color:#497A6F }
```

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

Here you see how a box with a 4 pixel #497A6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #497A6F; -webkit-box-shadow:4px 4px  
4px 4px #497A6F; box-shadow:4px 4px 4px  
4px #497A6F }
```

Background

The CSS property to change the background color of an element to Hex 497A6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#497A6F }
```

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

```
.background{ background-color:#497A6F }
```

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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