

Converting Colors

Hex(497071)

Have a look what the booklet for
Hex(497071) contains.

Hex(497071)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(497071)

Conversions

Conversions Part 1

Format	Color
Hex	497071
RGB	73, 112, 113
RGB Percent	29%, 44%, 44%
CMY	0.7137, 0.5608, 0.5569
CMYK	0.35, 0.01, 0.00, 0.56
HSL	182°, 22%, 36%
HSV	182°, 35%, 44%
XYZ	11.5225, 14.1971, 17.7558
YIQ	100.4530, -23.5650, -7.9570

Conversions

Conversions Part 2

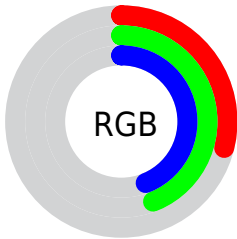
Format	Color
RYB	73, 93, 113
Decimal	4812913
CIELab	44.51, -13.38, -4.93
CIElCh	45, 14.257, 200.240
Yxy	14.1971, 0.2650, 0.3266
Android (android.graphics.Color)	4283002993 (0xFF497071)
YUV	100.4530, 6.1857, -24.0763
Hunter-Lab	37.6790, -11.3519, -1.5644

Details

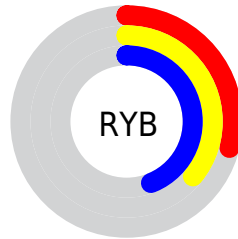
The Hex color **497071** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **714A49**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **7BA4A5**, and **194041** is the 20% darker color. If you saturate the color by 10%, you get **3E7071**, and if you desaturate by 10%, it is **547071**.

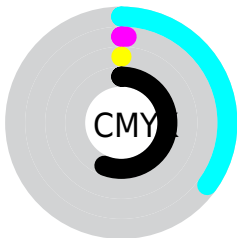
Distribution



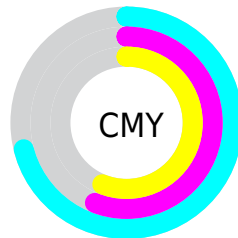
- Red (29%)
- Green (44%)
- Blue (44%)



- Red (29%)
- Yellow (36%)
- Blue (44%)



- Cyan (35%)
- Magenta (1%)
- Yellow (0%)
- Black (56%)



- Cyan (71%)
- Magenta (56%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 497071 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 497071 by changing the saturation by 10% instead.

■ 497071

■ 497071

FFFFFF

■ 315759

■ 7BA4A5

■ 194041

■ 96BFC0

■ 002A2B

■ B1DBDC

■ 001717

■ CDF7F8

■ 000000

■ E9FFFF

■ 497071

■ 497071

■ 3E7071

■ 547071

■ 326F71

■ 607171

■ 276F71

■ 6B7171

■ 1C6F71

■ 767171

■ 106F71

■ 827171

■ 056E71

■ 8D7271

■ 006E71

■ 987271

■ A37271

■ AF7371

Harmonies

Analogous

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



507065



497071



4B6F7B

Triad

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



497071



756479



766752

Complementary

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



497071



714A49

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.



7F6358



497071



7F616E

Square

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



497071



66687F



826162



6A6B53

Rectangle

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



497071



526D7F



826162



796653

Sweetspot

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



497071



849394



49714A



404A4A



C9C9C9



4A4A4A

Same Dimension

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



497071



569294



495C71



323838



007578



00F1F7

Inverse Universe

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



714970



945692



715E49



383238



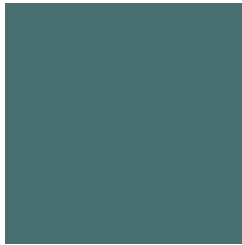
780075



F700F1

Previews

White Background



This preview shows how the Hex color 497071 looks on a white background.

Color Contrast Check

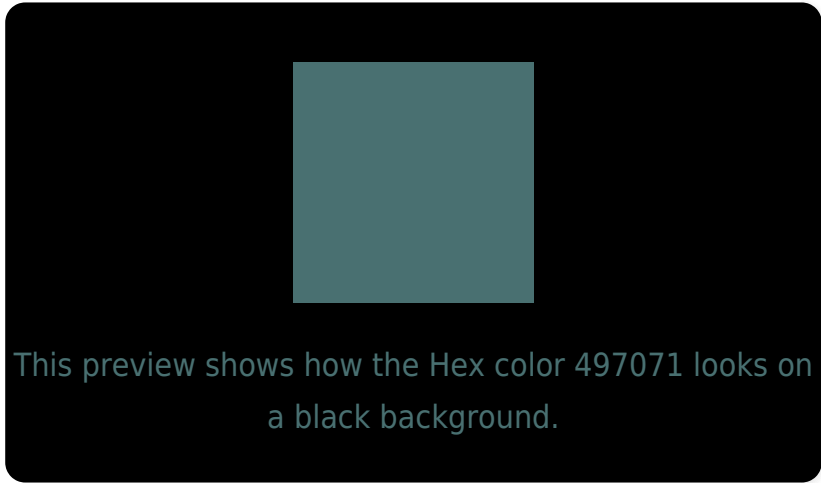
Large Text (above 18pt) WCAG AA ✓ Pass

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

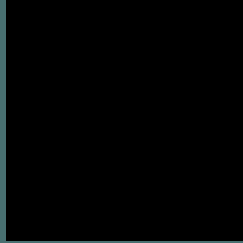
Any Text WCAG AA × Fail

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 497071 Background



This preview shows how black text looks on a background with the Hex color 497071.

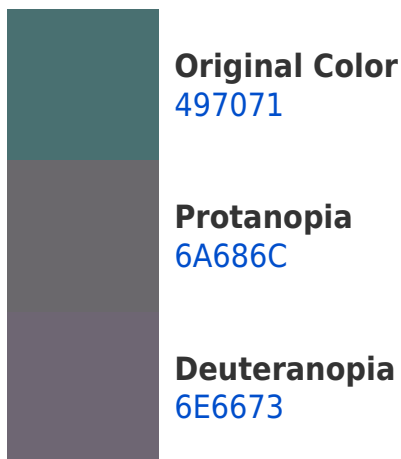


This preview shows how white text looks on a background with the Hex color 497071.

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](#).

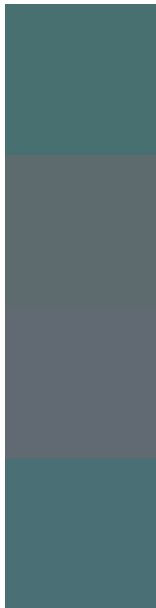
Dichromacy





Tritanopia
4B6F78

Trichromacy



Original Color
497071

Protanomaly
5E6B6E

Deuteranomaly
616A72

Tritanomaly
4A6F75

Monochromacy



Original Color
497071

Achromatopsia
646464

Achromatomaly
5A6869

CSS Examples

Text

The CSS property to change the color of the text to Hex 497071 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 #497071 looks like.

```
.text, #text, p{  
    color:#497071  
}
```

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 #497071 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #497071
}
```

Border

The CSS property to change the border of an element to Hex 497071 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
#497071 }
```

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

```
.border{ border-color:#497071 }
```

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

Here you see how a box with a 4 pixel #497071 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #497071; -webkit-box-shadow:4px 4px  
4px 4px #497071; box-shadow:4px 4px 4px  
4px #497071 }
```

Background

The CSS property to change the background color of an element to Hex 497071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#497071 }
```

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

```
.background{ background-color:#497071 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor