

# Converting Colors

Hex(497775)

Have a look what the booklet for  
Hex(497775) contains.

<b>Hex(497775)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(497775)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	497775
RGB	73, 119, 117
RGB Percent	29%, 47%, 46%
CMY	0.7137, 0.5333, 0.5412
CMYK	0.39, 0.00, 0.02, 0.53
HSL	177°, 24%, 38%
HSV	177°, 39%, 47%
XYZ	12.5554, 15.8945, 19.2358
YIQ	105.0180, -26.7740, -10.3740

# Conversions

## Conversions Part 2

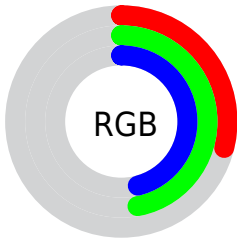
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 97, 119
Decimal	4814709
CIELab	46.84, -16.20, -3.89
CIELCh	47, 16.659, 193.486
Yxy	15.8945, 0.2633, 0.3333
Android (android.graphics.Color)	4283004789 (0xFF497775)
YUV	105.0180, 5.9071, -28.0798
Hunter-Lab	39.8679, -13.5548, -0.6993

# Details

The Hex color **497775** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **77494B**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **7CABA9**, and **174645** is the 20% darker color. If you saturate the color by 10%, you get **3D7774**, and if you desaturate by 10%, it is **557776**.

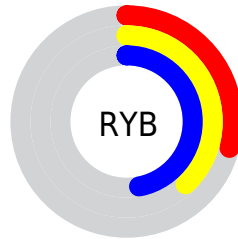
# Distribution



Red (29%)

Green (47%)

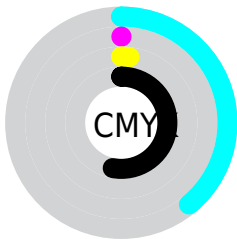
Blue (46%)



Red (29%)

Yellow (38%)

Blue (47%)

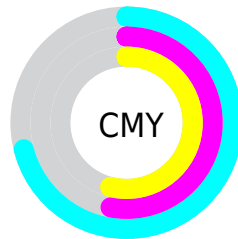


Cyan (39%)

Magenta (0%)

Yellow (2%)

Black (53%)



Cyan (71%)

Magenta (53%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 497775 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 497775 by changing the saturation by 10% instead.



■ 497775

■ 497775

FFFFFF

■ 305E5C

■ 7CABA9

■ 174645

■ 97C7C4

■ 00302F

■ B2E3E0

■ 001C1A

■ CEFFFD

■ 000000

■ EAFFFF

■ 497775

■ 497775

■ 3D7774

■ 557776

■ 317774

■ 617776

■ 257773

■ 6D7777

■ 197773

■ 797777

■ 0D7772

■ 847778

■ 027772

■ 907778

■ 007772

■ 9C7779

■ A87779

■ B4777A

# Harmonies

## Analogous

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



547667



497775



497682

# Triad

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



497775



796983



816B55

# Complementary

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



497775



77494B

# 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.



89675C



497775



866677

# Square

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



497775



676E8A



8C6569



737054

# Rectangle

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



497775



4F7488



8C6569



846A56



# Sweetspot

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



497775



899C9B



4B7749



444F4F



CFCFCF



4F4F4F



# Same Dimension

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



497775



549C98



496277



353B3A



007A75



00FAEF



# Inverse Universe

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



77494B



9C5457



775E49



3B3535



7A0005

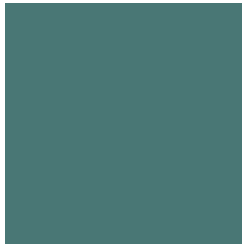


FA000B



# Previews

## White Background



This preview shows how the Hex color 497775 looks on a white background.

## Color Contrast Check

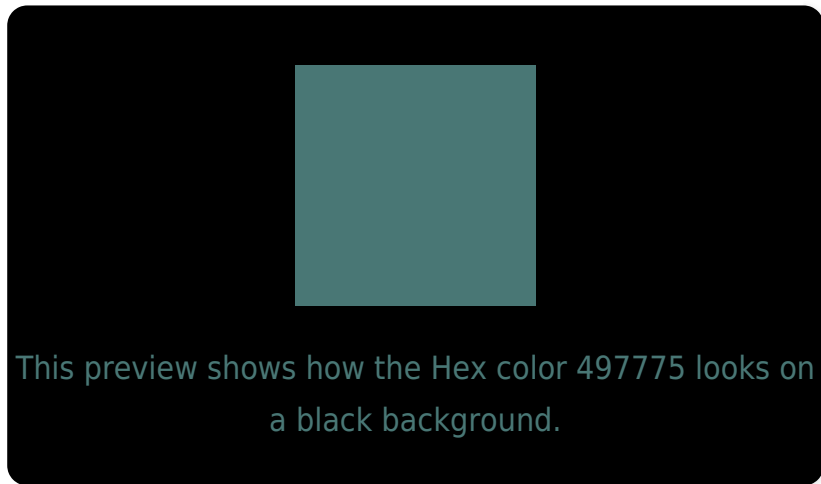
Large Text (above 18pt) WCAG AA ✓ Pass

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

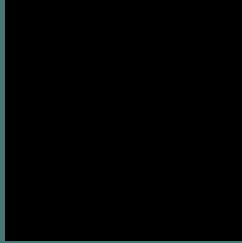
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 497775 Background



This preview shows how black text looks on a background with the Hex color 497775.



This preview shows how white text looks on a background with the Hex color 497775.

# 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



**Original Color**  
497775

**Protanopia**  
706E70

**Deuteranopia**  
756B77



**Tritanopia**  
4C757F

# Trichromacy



**Original Color**  
497775

**Protanomaly**  
627172

**Deuteranomaly**  
656F76

**Tritanomaly**  
4B767B

# Monochromacy



**Original Color**  
497775

**Achromatopsia**  
696969

**Achromatomaly**  
5D6E6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 497775 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 #497775 looks like.

```
.text, #text, p{  
    color:#497775  
}
```

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 #497775 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #497775
}
```

## Border

The CSS property to change the border of an element to Hex 497775 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
#497775 }
```

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

```
.border{ border-color:#497775 }
```

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

Here you see how a box with a 4 pixel #497775 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #497775; -webkit-box-shadow:4px 4px  
4px 4px #497775; box-shadow:4px 4px 4px  
4px #497775 }
```

# Background

The CSS property to change the background color of an element to Hex 497775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#497775 }
```

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

```
.background{ background-color:#497775 }
```

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