

# Converting Colors

Hex(497177)

Have a look what the booklet for  
Hex(497177) contains.

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# Color

**Hex(497177)**

# Conversions

## Conversions Part 1

Format	Color
Hex	497177
RGB	73, 113, 119
RGB Percent	29%, 44%, 47%
CMY	0.7137, 0.5569, 0.5333
CMYK	0.39, 0.05, 0.00, 0.53
HSL	188°, 24%, 38%
HSV	188°, 39%, 47%
XYZ	11.9826, 14.5586, 19.6313
YIQ	101.7240, -25.7660, -6.6140

# Conversions

## Conversions Part 2

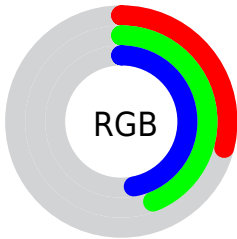
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 94, 119
Decimal	4813175
CIELab	45.02, -12.32, -7.77
CIELCh	45, 14.569, 212.246
Yxy	14.5586, 0.2595, 0.3153
Android (android.graphics.Color)	4283003255 (0xFF497177)
YUV	101.7240, 8.5171, -25.1909
Hunter-Lab	38.1558, -10.7159, -3.7959

# Details

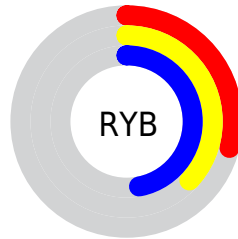
The Hex color **497177** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **774F49**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **7CA5AB**, and **184147** is the 20% darker color. If you saturate the color by 10%, you get **3D6F77**, and if you desaturate by 10%, it is **557377**.

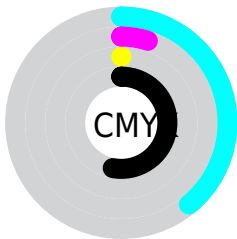
# Distribution



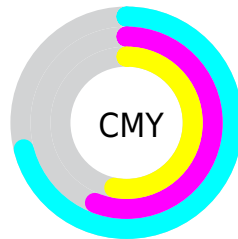
- Red (29%)
- Green (44%)
- Blue (47%)



- Red (29%)
- Yellow (37%)
- Blue (47%)



- Cyan (39%)
- Magenta (5%)
- Yellow (0%)
- Black (53%)



- Cyan (71%)
- Magenta (56%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 497177 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 497177 by changing the saturation by 10% instead.



497177

497177

FFFFFF

30585E

7CA5AB

184147

96C0C6

002B30

B2DCE2

00171B

CDF8FF

000000

EAFFFF

497177

497177

3D6F77

557377

316E77

617477

■ 256C77

■ 6D7677

■ 196B77

■ 797777

■ 0D6977

■ 847977

■ 026877

■ 907A77

■ 006777

■ 9C7C77

■ A87D77

■ B47F77

# Harmonies

## Analogous

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



4D726B



497177



4F6F80

# Triad

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



497177



7B6476



736A52

# Complementary

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



497177



774F49

# 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.



7D6655



497177



83626A

# Square

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



497177



6E677F



83635E



666E56

# Rectangle

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



497177



586D82



83635E



776953



# Sweetspot

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



497177



89999C



49774E



444E4F



CFCFCF



4F4F4F



# Same Dimension

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



497177



54929C



495B77



353A3B



006A7A



00D9FA



# Inverse Universe

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



774971



9C5492



776549



3B353A



7A006A

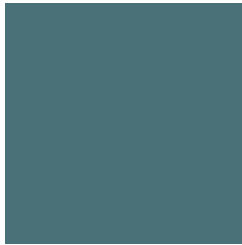


FA00D9



# Previews

## White Background



This preview shows how the Hex color 497177 looks on a white background.

## Color Contrast Check

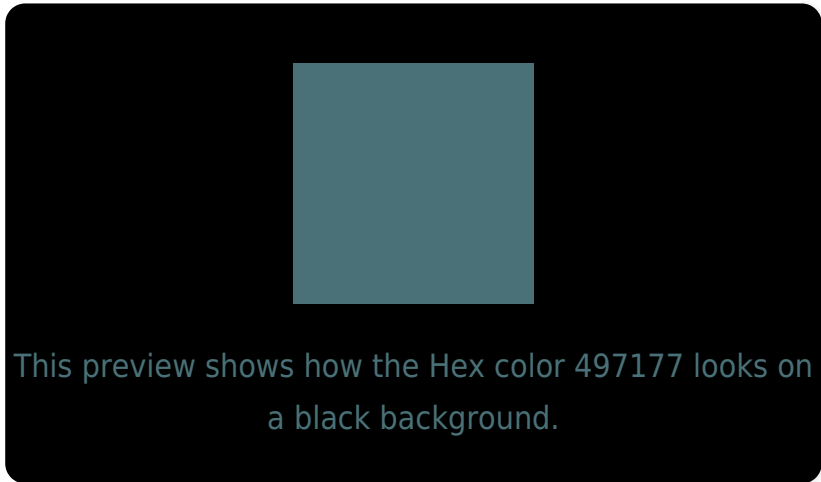
Large Text (above 18pt) WCAG AA ✓ Pass

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

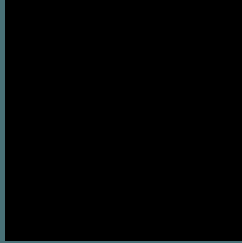
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

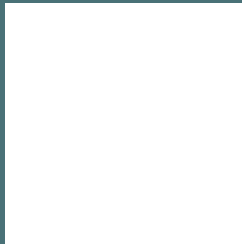
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 497177 Background



This preview shows how black text looks on a background with the Hex color 497177.

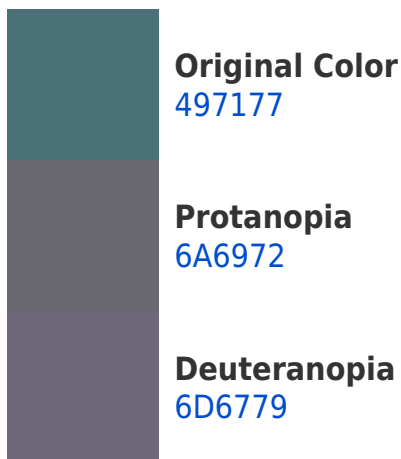


This preview shows how white text looks on a background with the Hex color 497177.

# 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](#).

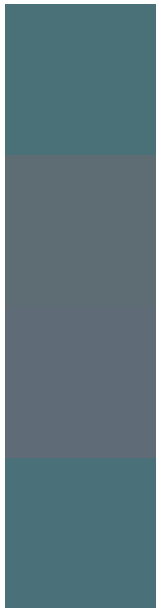
## Dichromacy





**Tritanopia**  
4A717A

# Trichromacy



**Original Color**  
497177

**Protanomaly**  
5E6C74

**Deuteranomaly**  
606B78

**Tritanomaly**  
4A7179

# Monochromacy



**Original Color**  
497177

**Achromatopsia**  
666666

**Achromatomaly**  
5B6A6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 497177 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 #497177 looks like.

```
.text, #text, p{  
    color:#497177  
}
```

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 #497177 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #497177
}
```

## Border

The CSS property to change the border of an element to Hex 497177 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
#497177 }
```

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

```
.border{ border-color:#497177 }
```

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

Here you see how a box with a 4 pixel #497177 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #497177; -webkit-box-shadow:4px 4px  
4px 4px #497177; box-shadow:4px 4px 4px  
4px #497177 }
```

# Background

The CSS property to change the background color of an element to Hex 497177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#497177 }
```

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

```
.background{ background-color:#497177 }
```

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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