

# Converting Colors

Hex(477E90)

Have a look what the booklet for  
Hex(477E90) contains.

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# Color

**Hex(477E90)**

# Conversions

## Conversions Part 1

Format	Color
Hex	477E90
RGB	71, 126, 144
RGB Percent	28%, 49%, 56%
CMY	0.7216, 0.5059, 0.4353
CMYK	0.51, 0.12, 0.00, 0.44
HSL	195°, 34%, 42%
HSV	195°, 51%, 56%
XYZ	15.0934, 18.2749, 29.1175
YIQ	111.6070, -38.5580, -6.0620

# Conversions

## Conversions Part 2

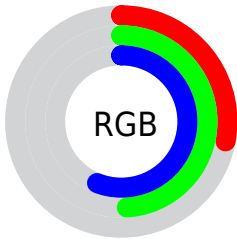
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	71, 102, 144
Decimal	4685456
CIE Lab	49.83, -12.98, -15.36
CIE LCh	50, 20.107, 229.795
Yxy	18.2749, 0.2415, 0.2925
Android (android.graphics.Color)	4282875536 (0xFF477E90)
YUV	111.6070, 15.9697, -35.6123
Hunter-Lab	42.7492, -11.7881, -10.4594

# Details

The Hex color **477E90** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **905947**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **7CB3C6**, and **0A4D5E** is the 20% darker color. If you saturate the color by 10%, you get **397A90**, and if you desaturate by 10%, it is **558290**.

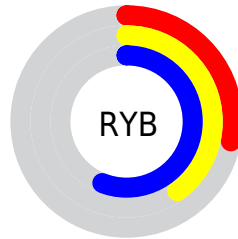
# Distribution



Red (28%)

Green (49%)

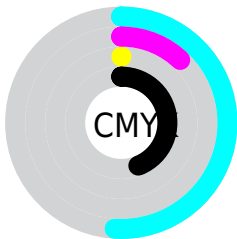
Blue (56%)



Red (28%)

Yellow (40%)

Blue (56%)

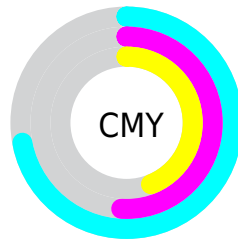


Cyan (51%)

Magenta (12%)

Yellow (0%)

Black (44%)



Cyan (72%)

Magenta (51%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 477E90 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 477E90 by changing the saturation by 10% instead.



■ 477E90

■ 477E90

FFFFFF

■ 2C6576

■ 7CB3C6

■ 0A4D5E

■ 97CEE2

■ 003646

■ B3EBFF

■ 002130

■ D0FFFF

■ 00011B

■ EDFFFF

■ 000000

■ 477E90

■ 477E90

■ 397A90

■ 558290

■ 2A7790

■ 648590

1C7390

728990

0D7090

818C90

006C90

8F9090

9D9390

AC9790

BA9A90

C99E90

# Harmonies

## Analogous

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



448081



477E90



597A98

# Triad

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



477E90



956B7D



777956

# Complementary

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



477E90



905947

# 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.



887355



477E90



996A6C

# Square

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



477E90



876E8D



956E5D



647D60

# Rectangle

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



477E90



697698



956E5D



7D7755



# Sweetspot

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



477E90



9EB3BA



479058



4D5A5E



DEDEDE



5E5E5E



# Same Dimension

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



477E90



499EBA



475A90



404647



006687



000608



# Inverse Universe

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



90477E



BA499E



907D47



474046



870066



080006



# Previews

## White Background



This preview shows how the Hex color 477E90 looks on a white background.

## Color Contrast Check

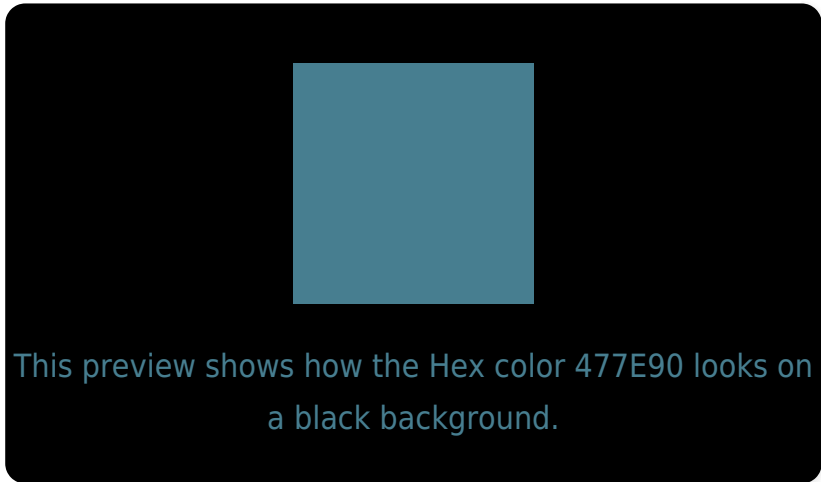
Large Text (above 18pt) WCAG AA ✓ Pass

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

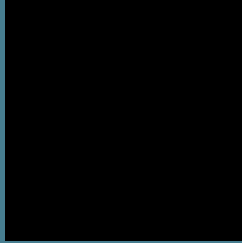
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

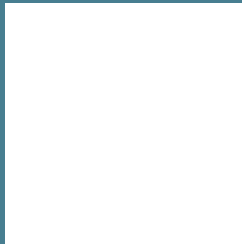
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 477E90 Background



This preview shows how black text looks on a background with the Hex color 477E90.

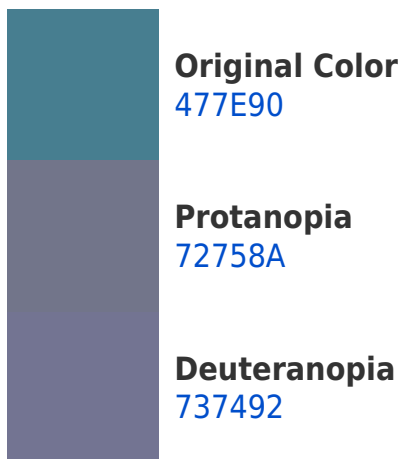


This preview shows how white text looks on a background with the Hex color 477E90.

# 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](#).

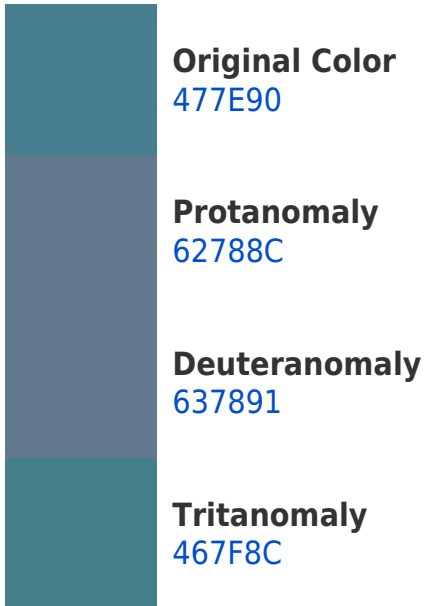
## Dichromacy





**Tritanopia**  
457F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 477E90 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 #477E90 looks like.

```
.text, #text, p{  
    color:#477E90  
}
```

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 #477E90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #477E90
}
```

## Border

The CSS property to change the border of an element to Hex 477E90 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
#477E90 }
```

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

```
.border{ border-color:#477E90 }
```

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

Here you see how a box with a 4 pixel #477E90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #477E90; -webkit-box-shadow:4px 4px  
4px 4px #477E90; box-shadow:4px 4px 4px  
4px #477E90 }
```

# Background

The CSS property to change the background color of an element to Hex 477E90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#477E90 }
```

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

```
.background{ background-color:#477E90 }
```

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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