

# Converting Colors

Hex(4D777A)

Have a look what the booklet for  
Hex(4D777A) contains.

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# Color

**Hex(4D777A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D777A
RGB	77, 119, 122
RGB Percent	30%, 47%, 48%
CMY	0.6980, 0.5333, 0.5216
CMYK	0.37, 0.02, 0.00, 0.52
HSL	184°, 23%, 39%
HSV	184°, 37%, 48%
XYZ	13.1702, 16.1766, 20.8406
YIQ	106.7840, -25.9950, -7.9710

# Conversions

## Conversions Part 2

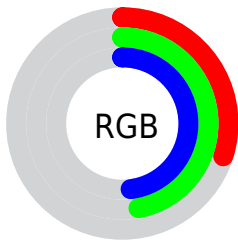
Format	Color
<b>RYB</b>	77, 99, 122
Decimal	5076858
CIELab	47.21, -13.70, -6.29
CIELCh	47, 15.075, 204.644
Yxy	16.1766, 0.2624, 0.3223
Android (android.graphics.Color)	4283266938 (0xFF4D777A)
YUV	106.7840, 7.5015, -26.1206
Hunter-Lab	40.2201, -11.9346, -2.5678

# Details

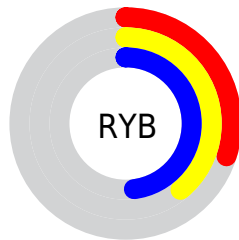
The Hex color **4D777A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A504D**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **80ABAE**, and **1C4649** is the 20% darker color. If you saturate the color by 10%, you get **41767A**, and if you desaturate by 10%, it is **59787A**.

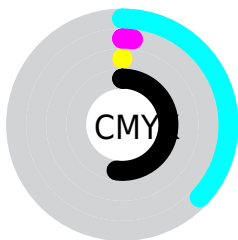
# Distribution



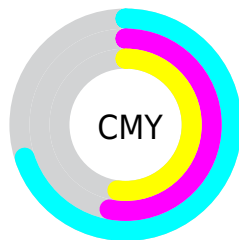
- Red (30%)
- Green (47%)
- Blue (48%)



- Red (30%)
- Yellow (39%)
- Blue (48%)



- Cyan (37%)
- Magenta (2%)
- Yellow (0%)
- Black (52%)



- Cyan (70%)
- Magenta (53%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D777A 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 4D777A by changing the saturation by 10% instead.





4D777A



4D777A

FFFFFF



345E61



80ABAE



1C4649



9BC7CA



003033



B6E3E6



001C1E



D2FFFF



000004



EFFFFFF



000000



4D777A



4D777A



41767A



59787A



35757A



65797A

■ 28757A

■ 72797A

■ 1C747A

■ 7E7A7A

■ 10737A

■ 8A7B7A

■ 04727A

■ 967C7A

■ 00727A

■ A27D7A

■ AF7E7A

■ BB7E7A

# Harmonies

## Analogous

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



53776D



4D777A



517584

# Triad

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



4D777A



7E697F



7C6E57

# Complementary

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



4D777A



7A504D

# 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.



866A5C



4D777A



886773

# Square

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



4D777A



6F6D87



8A6766



6E7259

# Rectangle

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



4D777A



597388



8A6766



806D58



# Sweetspot

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



4D777A



8D9D9E



4D7A50



454E4F



CFCFCF



4F4F4F



# Same Dimension

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



4D777A



59999E



4D617A



373D3D



00757D



00ECFC



# Inverse Universe

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



7A4D77



9E5999



7A674D



3D373D



7D0075

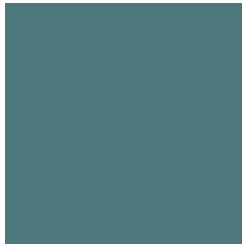


FC00EC



# Previews

## White Background



This preview shows how the Hex color 4D777A looks on a white background.

## Color Contrast Check

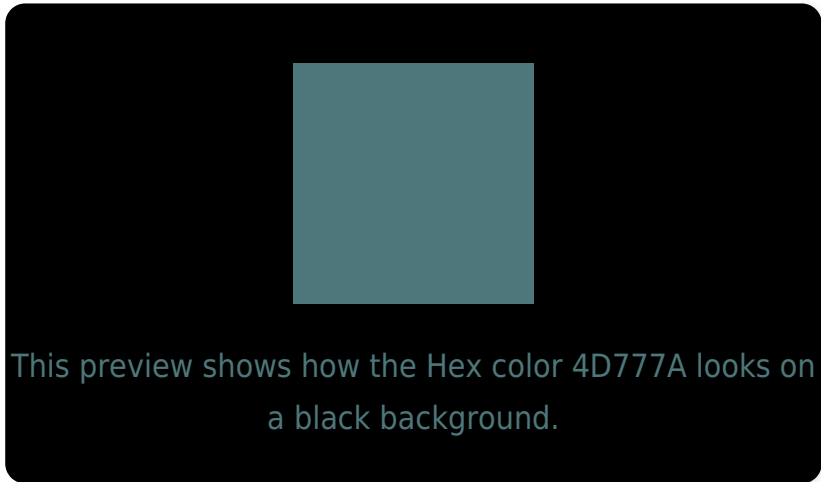
Large Text (above 18pt) WCAG AA ✓ Pass

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

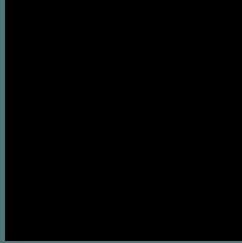
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4D777A Background



This preview shows how black text looks on a background with the Hex color 4D777A.



This preview shows how white text looks on a background with the Hex color 4D777A.

# 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**  
4D777A

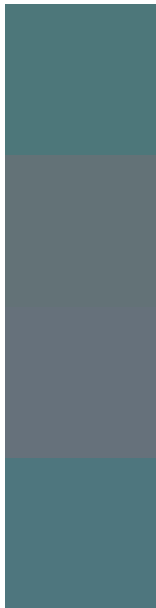
**Protanopia**  
706F75

**Deuteranopia**  
746D7C



**Tritanopia**  
4E7680

# Trichromacy



**Original Color**

4D777A

**Protanomaly**

637277

**Deuteranomaly**

66717B

**Tritanomaly**

4E767E

# Monochromacy



**Original Color**

4D777A

**Achromatopsia**

6B6B6B

**Achromatomaly**

606F70

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D777A 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 #4D777A looks like.

```
.text, #text, p{  
    color:#4D777A  
}
```

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 #4D777A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D777A
}
```

## Border

The CSS property to change the border of an element to Hex 4D777A 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
#4D777A }
```

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

```
.border{ border-color:#4D777A }
```

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

Here you see how a box with a 4 pixel #4D777A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D777A; -webkit-box-shadow:4px 4px  
4px 4px #4D777A; box-shadow:4px 4px 4px  
4px #4D777A }
```

# Background

The CSS property to change the background color of an element to Hex 4D777A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D777A }
```

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

```
.background{ background-color:#4D777A }
```

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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