

# Converting Colors

Hex(4A6B77)

Have a look what the booklet for  
Hex(4A6B77) contains.

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# Color

**Hex(4A6B77)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4A6B77
RGB	74, 107, 119
RGB Percent	29%, 42%, 47%
CMY	0.7098, 0.5804, 0.5333
CMYK	0.38, 0.10, 0.00, 0.53
HSL	196°, 23%, 38%
HSV	196°, 38%, 47%
XYZ	11.4115, 13.3031, 19.4191
YIQ	98.5010, -23.5200, -3.2640

# Conversions

## Conversions Part 2

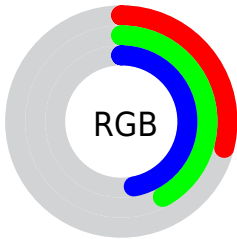
Format	Color
<b>RYB</b>	74, 93, 119
Decimal	4877175
CIELab	43.22, -8.58, -10.48
CIElCh	43, 13.545, 230.694
Yxy	13.3031, 0.2586, 0.3014
Android (android.graphics.Color)	4283067255 (0xFF4A6B77)
YUV	98.5010, 10.1060, -21.4874
Hunter-Lab	36.4735, -7.9810, -6.0355

# Details

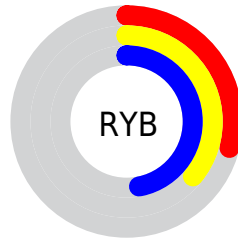
The Hex color **4A6B77** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **77564A**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **7D9EAB**, and **1A3C47** is the 20% darker color. If you saturate the color by 10%, you get **3E6877**, and if you desaturate by 10%, it is **566E77**.

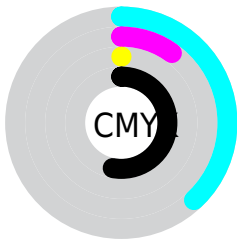
# Distribution



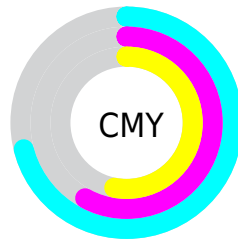
- Red (29%)
- Green (42%)
- Blue (47%)



- Red (29%)
- Yellow (36%)
- Blue (47%)



- Cyan (38%)
- Magenta (10%)
- Yellow (0%)
- Black (53%)



- Cyan (71%)
- Magenta (58%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A6B77 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 4A6B77 by changing the saturation by 10% instead.



■ 4A6B77

■ 4A6B77

FFFFFF

■ 32535E

■ 7D9EAB

■ 1A3C47

■ 97B9C6

■ 002630

■ B2D5E2

■ 00121B

■ CEF1FF

■ 000000

■ EAFFFF

■ 4A6B77

■ 4A6B77

■ 3E6877

■ 566E77

■ 326577

■ 627177

■ 266177

■ 6E7577

■ 1A5E77

■ 7A7877

■ 0F5B77

■ 857B77

■ 035877

■ 917E77

■ 005777

■ 9D8177

■ A98477

■ B58877

# Harmonies

## Analogous

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



486C6E



4A6B77



55687C

# Triad

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



4A6B77



7A5E6A



666851

# Complementary

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



4A6B77



77564A

# 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.



726450



4A6B77



7D5E5F

# Square

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



4A6B77



716174



7A6155



5A6B58

# Rectangle

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



4A6B77



5E667C



7A6155



6B6750



# Sweetspot

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



4A6B77



8A979C



4A7756



454C4F



CFCFCF



4F4F4F



# Same Dimension

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



4A6B77



56899C



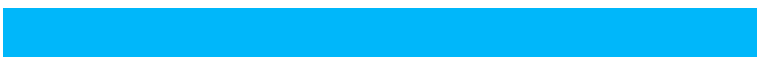
4A5577



35393B



005A7A



00B7FA



# Inverse Universe

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



774A6B



9C5689



776C4A



3B3539



7A005A



FA00B7



# Previews

## White Background



This preview shows how the Hex color 4A6B77 looks on a white background.

## Color Contrast Check

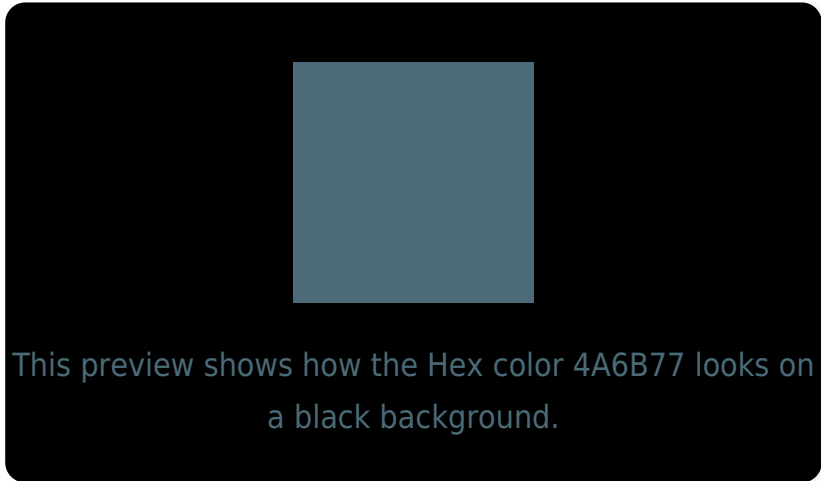
Large Text (above 18pt) WCAG AA ✓ Pass

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

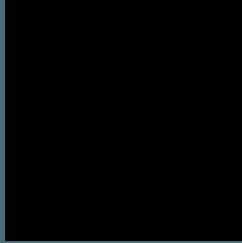
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4A6B77 Background



This preview shows how black text looks on a background with the Hex color 4A6B77.

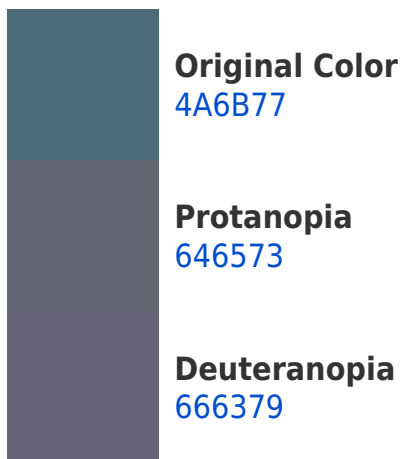


This preview shows how white text looks on a background with the Hex color 4A6B77.

# 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](#).

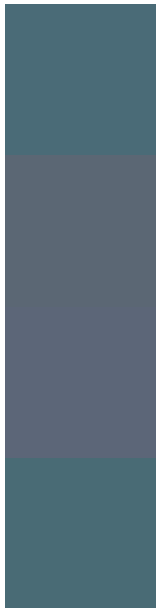
## Dichromacy





**Tritanopia**  
496B74

# Trichromacy



**Original Color**

4A6B77

**Protanomaly**

5B6774

**Deuteranomaly**

5C6678

**Tritanomaly**

496B75

# Monochromacy



**Original Color**

4A6B77

**Achromatopsia**

636363

**Achromatomaly**

5A666A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A6B77 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 #4A6B77 looks like.

```
.text, #text, p{  
    color:#4A6B77  
}
```

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 #4A6B77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A6B77  
}
```

## Border

The CSS property to change the border of an element to Hex 4A6B77 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  
#4A6B77 }
```

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

```
.border{ border-color:#4A6B77 }
```

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

Here you see how a box with a 4 pixel #4A6B77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A6B77; -webkit-box-shadow:4px 4px  
4px 4px #4A6B77; box-shadow:4px 4px 4px  
4px #4A6B77 }
```

# Background

The CSS property to change the background color of an element to Hex 4A6B77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A6B77 }
```

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

```
.background{ background-color:#4A6B77 }
```

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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