

Converting Colors

Hex(4A6C77)

Have a look what the booklet for
Hex(4A6C77) contains.

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Color

Hex(4A6C77)

Conversions

Conversions Part 1

Format	Color
Hex	4A6C77
RGB	74, 108, 119
RGB Percent	29%, 42%, 47%
CMY	0.7098, 0.5765, 0.5333
CMYK	0.38, 0.09, 0.00, 0.53
HSL	195°, 23%, 38%
HSV	195°, 38%, 47%
XYZ	11.5164, 13.5129, 19.4540
YIQ	99.0880, -23.7950, -3.7870

Conversions

Conversions Part 2

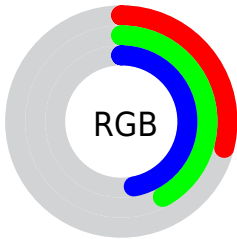
Format	Color
R_{YB}	74, 93, 119
Decimal	4877431
CIE _{Lab}	43.53, -9.16, -10.01
CIE _{LCh}	44, 13.572, 227.547
Yxy	13.5129, 0.2589, 0.3038
Android (android.graphics.Color)	4283067511 (0xFF4A6C77)
YUV	99.0880, 9.8166, -22.0022
Hunter-Lab	36.7599, -8.4081, -5.6455

Details

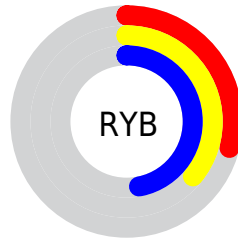
The Hex color **4A6C77** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **77554A**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **7D9FAB**, and **193D47** is the 20% darker color. If you saturate the color by 10%, you get **3E6977**, and if you desaturate by 10%, it is **566F77**.

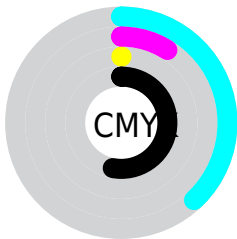
Distribution



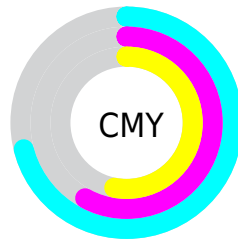
- Red (29%)
- Green (42%)
- Blue (47%)



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



- Cyan (38%)
- Magenta (9%)
- Yellow (0%)
- Black (53%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 4A6C77 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 4A6C77 by changing the saturation by 10% instead.



4A6C77



4A6C77

FFFFFF



32545E



7D9FAB



193D47



97BAC6



002730



B2D6E2



00131B



CEF3FF



000000



EAffff



4A6C77



4A6C77



3E6977



566F77



326677



627277

■ 266377

■ 6E7577

■ 1A6077

■ 7A7877

■ 0F5D77

■ 857B77

■ 035B77

■ 917D77

■ 005A77

■ 9D8077

■ A98377

■ B58677

Harmonies

Analogous

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



496D6D



4A6C77



54697C

Triad

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



4A6C77



7B5F6C



696851

Complementary

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



4A6C77



77554A

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.



746451



4A6C77



7E5F61

Square

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



4A6C77



716276



7C6157



5C6B57

Rectangle

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



4A6C77



5E677D



7C6157



6D6751

Sweetspot

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



4A6C77



8A979C



4A7755



454D4F



CFCFCF



4F4F4F

Same Dimension

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



4A6C77



568A9C



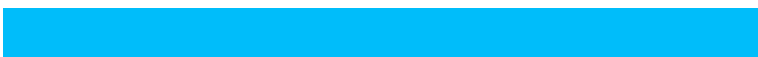
4A5677



35393B



005C7A



00BDFA

Inverse Universe

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



774A6C



9C568A



776B4A



3B3539



7A005C



FA00BD

Previews

White Background



This preview shows how the Hex color 4A6C77 looks on a white background.

Color Contrast Check

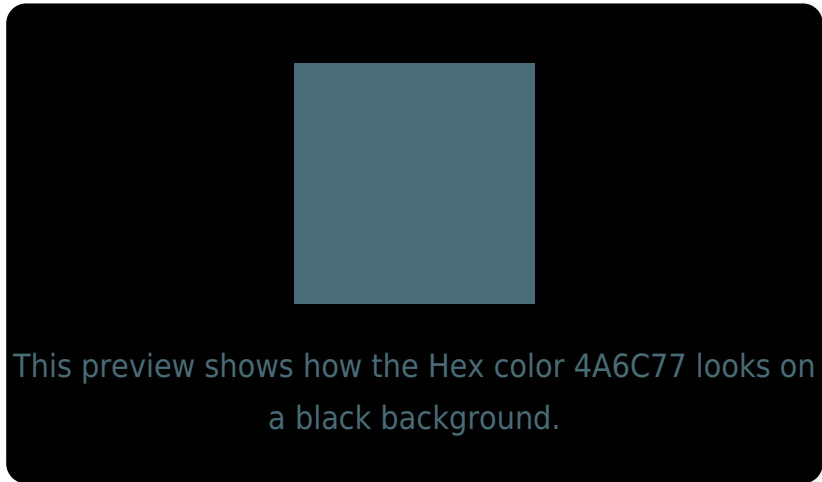
Large Text (above 18pt) WCAG AA ✓ Pass

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

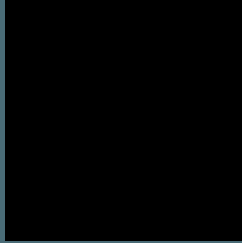
Any Text WCAG AA × Fail

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 4A6C77 Background



This preview shows how black text looks on a background with the Hex color 4A6C77.

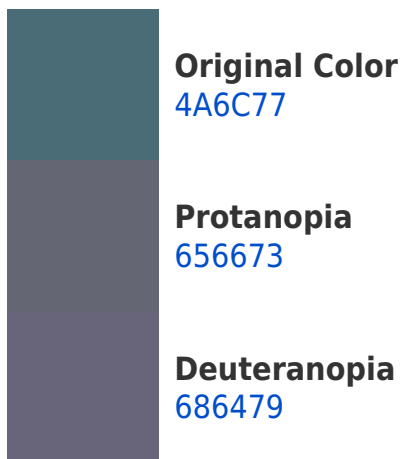


This preview shows how white text looks on a background with the Hex color 4A6C77.

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](#).

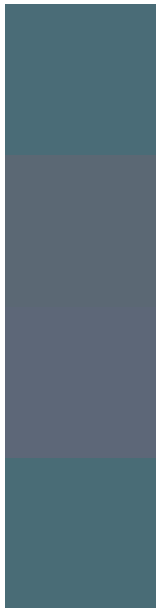
Dichromacy





Tritanopia
496C75

Trichromacy



Original Color
4A6C77

Protanomaly
5B6874

Deuteranomaly
5D6778

Tritanomaly
496C76

Monochromacy



Original Color
4A6C77

Achromatopsia
636363

Achromatomaly
5A666A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A6C77 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 #4A6C77 looks like.

```
.text, #text, p{  
    color:#4A6C77  
}
```

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 #4A6C77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A6C77  
}
```

Border

The CSS property to change the border of an element to Hex 4A6C77 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  
#4A6C77 }
```

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

```
.border{ border-color:#4A6C77 }
```

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

Here you see how a box with a 4 pixel #4A6C77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A6C77; -webkit-box-shadow:4px 4px  
4px 4px #4A6C77; box-shadow:4px 4px 4px  
4px #4A6C77 }
```

Background

The CSS property to change the background color of an element to Hex 4A6C77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A6C77 }
```

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

```
.background{ background-color:#4A6C77 }
```

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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