

Converting Colors

Hex(4B6E77)

Have a look what the booklet for
Hex(4B6E77) contains.

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Color

Hex(4B6E77)

Conversions

Conversions Part 1

Format	Color
Hex	4B6E77
RGB	75, 110, 119
RGB Percent	29%, 43%, 47%
CMY	0.7059, 0.5686, 0.5333
CMYK	0.37, 0.08, 0.00, 0.53
HSL	192°, 23%, 38%
HSV	192°, 37%, 47%
XYZ	11.8074, 13.9796, 19.5288
YIQ	100.5610, -23.7490, -4.6210

Conversions

Conversions Part 2

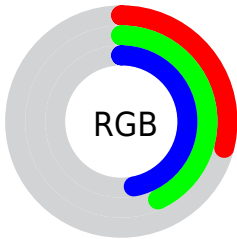
Format	Color
RYB	75, 94, 119
Decimal	4943479
CIELab	44.20, -10.02, -8.99
CIElCh	44, 13.458, 221.911
Yxy	13.9796, 0.2606, 0.3085
Android (android.graphics.Color)	4283133559 (0xFF4B6E77)
YUV	100.5610, 9.0904, -22.4170
Hunter-Lab	37.3893, -9.0620, -4.7952

Details

The Hex color **4B6E77** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **77544B**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **7EA2AB**, and **1B3E47** is the 20% darker color. If you saturate the color by 10%, you get **3F6C77**, and if you desaturate by 10%, it is **577077**.

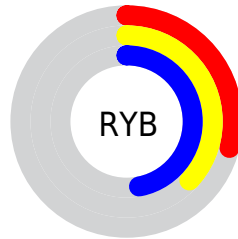
Distribution



Red (29%)

Green (43%)

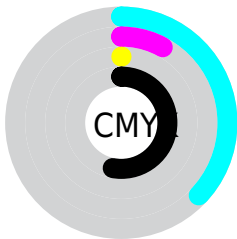
Blue (47%)



Red (29%)

Yellow (37%)

Blue (47%)

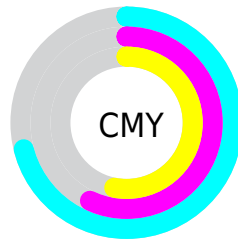


Cyan (37%)

Magenta (8%)

Yellow (0%)

Black (53%)



Cyan (71%)

Magenta (57%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B6E77 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 4B6E77 by changing the saturation by 10% instead.

■ 4B6E77

■ 4B6E77

FFFFFF

■ 33565E

■ 7EA2AB

■ 1B3E47

■ 98BDC6

■ 012830

■ B3D8E2

■ 00151B

■ CFF5FF

■ 000000

■ ECFFFF

■ 4B6E77

■ 4B6E77

■ 3F6C77

■ 577077

■ 336977

■ 637377

■ 276777

■ 6F7577

■ 1B6477

■ 7B7877

■ 0F6277

■ 867A77

■ 045F77

■ 927D77

■ 005F77

■ 9E7F77

■ AA8177

■ B68477

Harmonies

Analogous

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



4B6F6D



4B6E77



546C7D

Triad

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



4B6E77



7B6170



6D6953

Complementary

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



4B6E77



77544B

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.



776554



4B6E77



806164

Square

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



4B6E77



706479



7E625A



606C58

Rectangle

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



4B6E77



5D697F



7E625A



706852

Sweetspot

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



4B6E77



8A989C



4B7754



454D4F



CFCFCF



4F4F4F

Same Dimension

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



4B6E77



578E9C



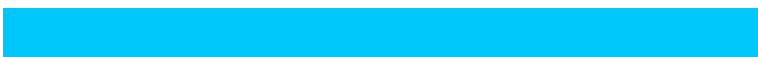
4B5877



35393B



00617A



00C7FA

Inverse Universe

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



774B6E



9C578E



776A4B



3B3539



7A0061



FA00C7

Previews

White Background



This preview shows how the Hex color 4B6E77 looks on a white background.

Color Contrast Check

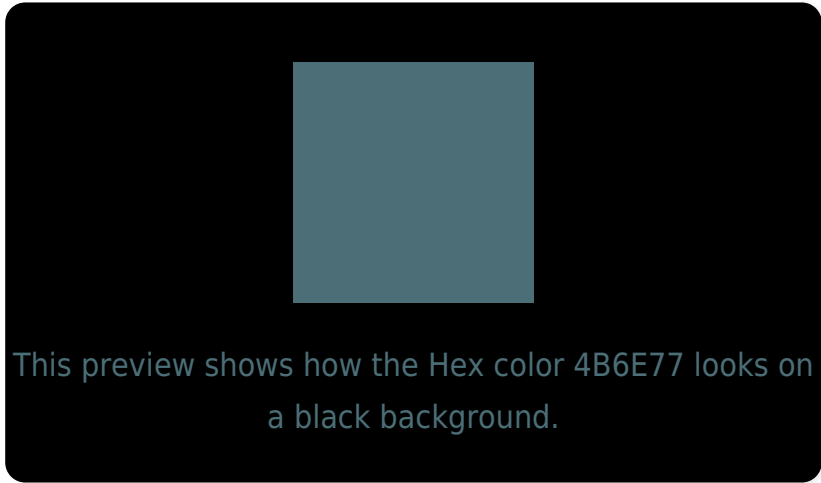
Large Text (above 18pt) WCAG AA ✓ Pass

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

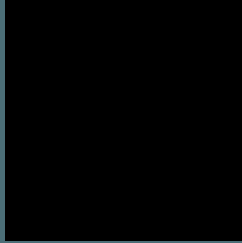
Any Text WCAG AA × Fail

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 4B6E77 Background



This preview shows how black text looks on a background with the Hex color 4B6E77.

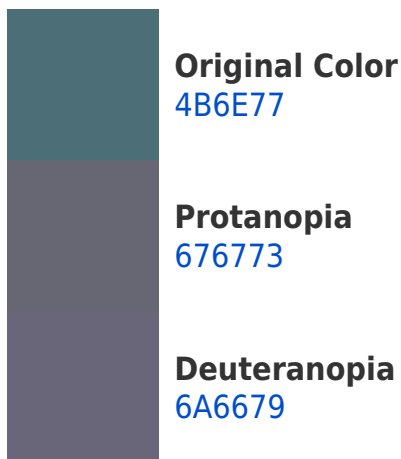


This preview shows how white text looks on a background with the Hex color 4B6E77.

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](#).

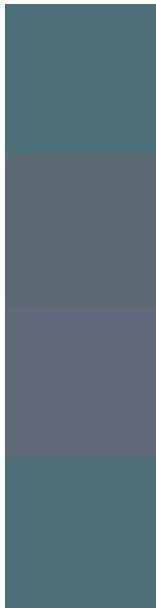
Dichromacy





Tritanopia
4B6E77

Trichromacy



Original Color
4B6E77

Protanomaly
5D6A74

Deuteranomaly
5F6978

Tritanomaly
4B6E77

Monochromacy



Original Color
4B6E77

Achromatopsia
656565

Achromatomaly
5C686C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B6E77 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 #4B6E77 looks like.

```
.text, #text, p{  
    color:#4B6E77  
}
```

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 #4B6E77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B6E77  
}
```

Border

The CSS property to change the border of an element to Hex 4B6E77 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  
#4B6E77 }
```

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

```
.border{ border-color:#4B6E77 }
```

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

Here you see how a box with a 4 pixel #4B6E77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B6E77; -webkit-box-shadow:4px 4px  
4px 4px #4B6E77; box-shadow:4px 4px 4px  
4px #4B6E77 }
```

Background

The CSS property to change the background color of an element to Hex 4B6E77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B6E77 }
```

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

```
.background{ background-color:#4B6E77 }
```

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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