

# Converting Colors

Hex(4B6F69)

Have a look what the booklet for  
Hex(4B6F69) contains.

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# Color

**Hex(4B6F69)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4B6F69
RGB	75, 111, 105
RGB Percent	29%, 44%, 41%
CMY	0.7059, 0.5647, 0.5882
CMYK	0.32, 0.00, 0.05, 0.56
HSL	170°, 19%, 36%
HSV	170°, 32%, 44%
XYZ	11.1359, 13.8847, 15.4577
YIQ	99.5520, -19.5300, -9.4980

# Conversions

## Conversions Part 2

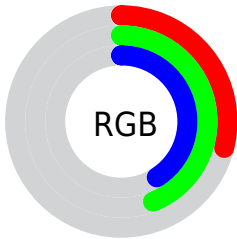
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 95, 111
Decimal	4943721
CIELab	44.07, -14.25, -0.77
CIELCh	44, 14.269, 183.093
Yxy	13.8847, 0.2751, 0.3430
Android (android.graphics.Color)	4283133801 (0xFF4B6F69)
YUV	99.5520, 2.6859, -21.5321
Hunter-Lab	37.2621, -11.8635, 1.4878

# Details

The Hex color **4B6F69** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6F4B51**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **7DA39C**, and **1C3F3A** is the 20% darker color. If you saturate the color by 10%, you get **406F67**, and if you desaturate by 10%, it is **566F6B**.

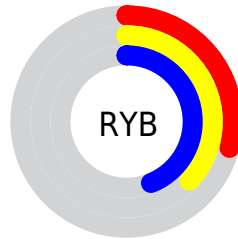
# Distribution



Red (29%)

Green (44%)

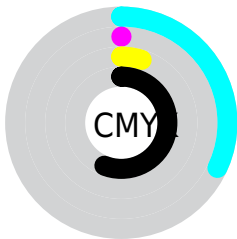
Blue (41%)



Red (29%)

Yellow (37%)

Blue (44%)

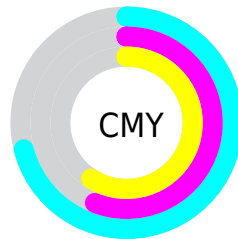


Cyan (32%)

Magenta (0%)

Yellow (5%)

Black (56%)



Cyan (71%)

Magenta (56%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B6F69 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 4B6F69 by changing the saturation by 10% instead.





4B6F69



4B6F69

FFFFFF



335751



7DA39C



1C3F3A



97BEB7



042924



B2DAD3



00160F



CEF6EF



000000



EBFFFF



4B6F69



4B6F69



406F67



566F6B



356F65



616F6D

■ 2A6F63

■ 6C6F6F

■ 1F6F62

■ 776F70

■ 146F60

■ 836F72

■ 086F5E

■ 8E6F74

■ 006F5C

■ 996F76

■ A46F78

■ AF6F7A

# Harmonies

## Analogous

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



566E5D



4B6F69



486E75

# Triad

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



4B6F69



6C657C



7A6453

# Complementary

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



4B6F69



6F4B51

# 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.



80615C



4B6F69



796173

# Square

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



4B6F69



5C6980



806067



706851

# Rectangle

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



4B6F69



4B6D7B



806067



7D6356



# Sweetspot

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



4B6F69



83918F



516F4B



414A48



C9C9C9



4A4A4A



# Same Dimension

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



4B6F69



599188



4B646F



323837



007864



00F7CE



# Inverse Universe

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



6F4B51



915962



6F574B



383233



780014



F70029



# Previews

## White Background



This preview shows how the Hex color 4B6F69 looks on a white background.

## Color Contrast Check

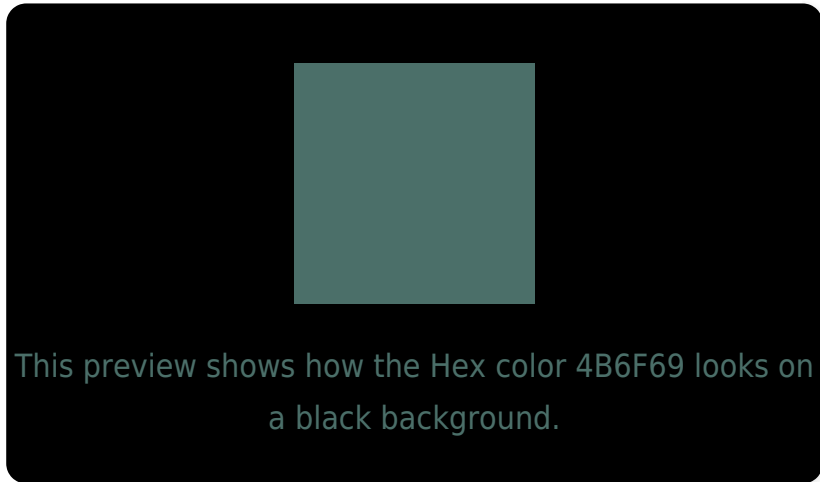
Large Text (above 18pt) WCAG AA ✓ Pass

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

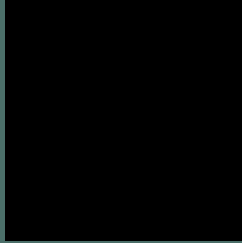
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4B6F69 Background



This preview shows how black text looks on a background with the Hex color 4B6F69.

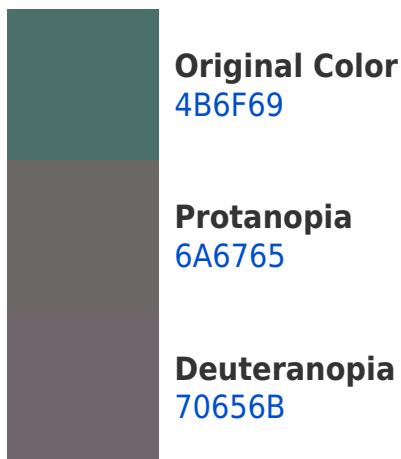


This preview shows how white text looks on a background with the Hex color 4B6F69.

# 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](#).

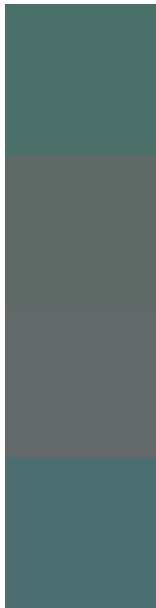
## Dichromacy





**Tritanopia**  
4E6D76

# Trichromacy



**Original Color**  
4B6F69

**Protanomaly**  
5F6A66

**Deuteranomaly**  
63696A

**Tritanomaly**  
4D6E71

# Monochromacy



**Original Color**  
4B6F69

**Achromatopsia**  
646464

**Achromatomaly**  
5B6866

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B6F69 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 #4B6F69 looks like.

```
.text, #text, p{  
    color:#4B6F69  
}
```

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 #4B6F69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B6F69
}
```

## Border

The CSS property to change the border of an element to Hex 4B6F69 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
#4B6F69 }
```

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

```
.border{ border-color:#4B6F69 }
```

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

Here you see how a box with a 4 pixel #4B6F69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B6F69; -webkit-box-shadow:4px 4px  
4px 4px #4B6F69; box-shadow:4px 4px 4px  
4px #4B6F69 }
```

# Background

The CSS property to change the background color of an element to Hex 4B6F69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B6F69 }
```

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

```
.background{ background-color:#4B6F69 }
```

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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