

# Converting Colors

Hex(4B766F)

Have a look what the booklet for  
Hex(4B766F) contains.

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# Color

Hex(4B766F)

# Conversions

## Conversions Part 1

Format	Color
Hex	4B766F
RGB	75, 118, 111
RGB Percent	29%, 46%, 44%
CMY	0.7059, 0.5373, 0.5647
CMYK	0.36, 0.00, 0.06, 0.54
HSL	170°, 22%, 38%
HSV	170°, 36%, 46%
XYZ	12.2493, 15.6004, 17.4045
YIQ	104.3450, -23.3810, -11.2930

# Conversions

## Conversions Part 2

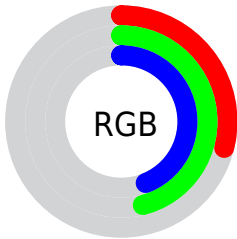
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 98, 118
Decimal	4945519
CIELab	46.45, -16.60, -0.88
CIElCh	46, 16.628, 183.022
Yxy	15.6004, 0.2707, 0.3447
Android (android.graphics.Color)	4283135599 (0xFF4B766F)
YUV	104.3450, 3.2809, -25.7356
Hunter-Lab	39.4974, -13.7621, 1.5220

# Details

The Hex color **4B766F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **764B52**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **7EAAA3**, and **1A453F** is the 20% darker color. If you saturate the color by 10%, you get **3F766D**, and if you desaturate by 10%, it is **577671**.

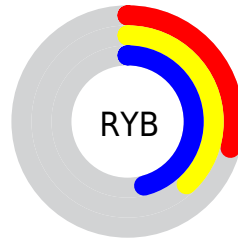
# Distribution



Red (29%)

Green (46%)

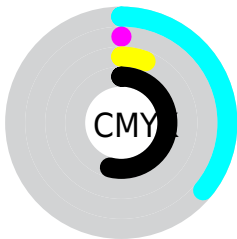
Blue (44%)



Red (29%)

Yellow (38%)

Blue (46%)

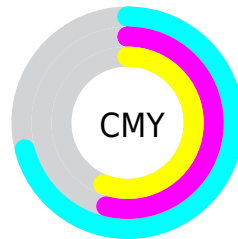


Cyan (36%)

Magenta (0%)

Yellow (6%)

Black (54%)



Cyan (71%)

Magenta (54%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B766F 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 4B766F by changing the saturation by 10% instead.



 4B766F

 4B766F

FFFFFF

 335D57

 7EAAA3

 1A453F

 98C6BE

 002F2A

 B3E2D9

 001B15

 CFDEF6

 000000

 ECFEFC

 4B766F

 4B766F

 3F766D

 577671

 33766B

 637673

■ 287669

■ 6E7675

■ 1C7667

■ 7A7677

■ 107665

■ 867679

■ 047663

■ 92767B

■ 007663

■ 9E767C

■ A9767E

■ B57680

# Harmonies

## Analogous

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



587561



4B766F



46757D

# Triad

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



4B766F



726A85



836956

# Complementary

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



4B766F



764B52

# 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.



8A6560



4B766F



81667B

# Square

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



4B766F



5F6F8A



8A646D



776E52

# Rectangle

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



4B766F



4A7484



8A646D



866858



# Sweetspot

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



4B766F



889996



52764B



434D4B



CCCCCC



4D4D4D



# Same Dimension

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



4B766F



56998E



4B6876



353B3A



007A66



00FAD1



# Inverse Universe

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



764B52



995661



76594B



3B3536



7A0014



FA0029



# Previews

## White Background



This preview shows how the Hex color 4B766F looks on a white background.

## Color Contrast Check

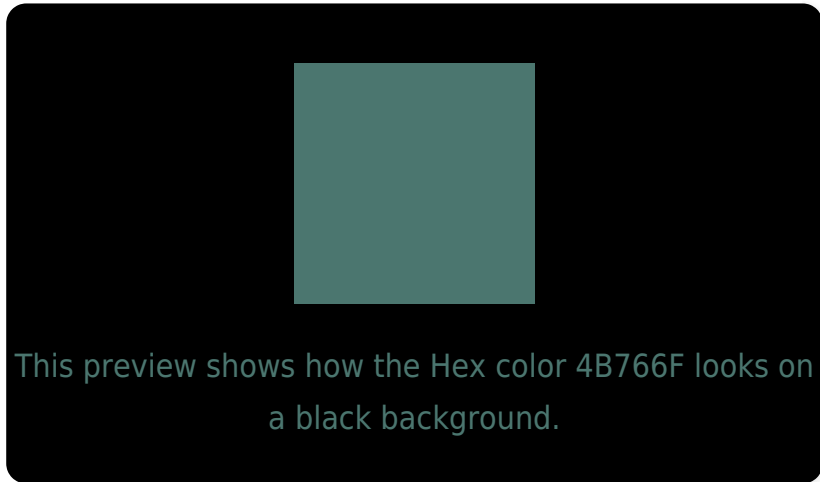
Large Text (above 18pt) WCAG AA ✓ Pass

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

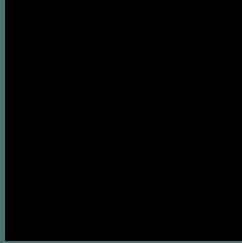
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4B766F Background



This preview shows how black text looks on a background with the Hex color 4B766F.

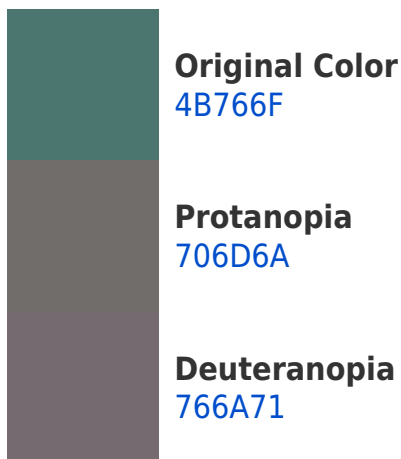


This preview shows how white text looks on a background with the Hex color 4B766F.

# 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](#).

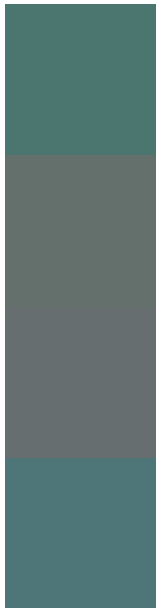
## Dichromacy





**Tritanopia**  
4F747D

# Trichromacy



**Original Color**  
4B766F

**Protanomaly**  
63706C

**Deuteranomaly**  
666E70

**Tritanomaly**  
4E7578

# Monochromacy



**Original Color**  
4B766F

**Achromatopsia**  
686868

**Achromatomaly**  
5D6D6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B766F 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 #4B766F looks like.

```
.text, #text, p{  
    color:#4B766F  
}
```

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 #4B766F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B766F
}
```

## Border

The CSS property to change the border of an element to Hex 4B766F 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
#4B766F }
```

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

```
.border{ border-color:#4B766F }
```

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

Here you see how a box with a 4 pixel #4B766F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B766F; -webkit-box-shadow:4px 4px  
4px 4px #4B766F; box-shadow:4px 4px 4px  
4px #4B766F }
```

# Background

The CSS property to change the background color of an element to Hex 4B766F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B766F }
```

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

```
.background{ background-color:#4B766F }
```

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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