

# Converting Colors

Hex(4B8E69)

Have a look what the booklet for  
Hex(4B8E69) contains.

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# Color

Hex(4B8E69)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4B8E69
RGB	75, 142, 105
RGB Percent	29%, 56%, 41%
CMY	0.7059, 0.4431, 0.5882
CMYK	0.47, 0.00, 0.26, 0.44
HSL	147°, 31%, 43%
HSV	147°, 47%, 56%
XYZ	15.1245, 21.8618, 16.7872
YIQ	117.7490, -28.0550, -25.7110

# Conversions

## Conversions Part 2

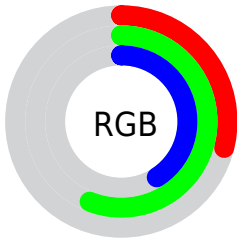
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 121, 142
Decimal	4951657
CIELab	53.88, -30.26, 13.24
CIElCh	54, 33.030, 156.369
Yxy	21.8618, 0.2813, 0.4066
Android (android.graphics.Color)	4283141737 (0xFF4B8E69)
YUV	117.7490, -6.2853, -37.4909
Hunter-Lab	46.7566, -24.0842, 11.4425

# Details

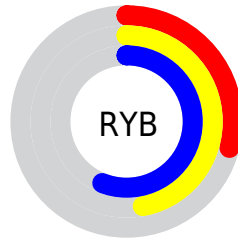
The Hex color **4B8E69** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8E4B70**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **80C49C**, and **145B3A** is the 20% darker color. If you saturate the color by 10%, you get **3D8E61**, and if you desaturate by 10%, it is **598E71**.

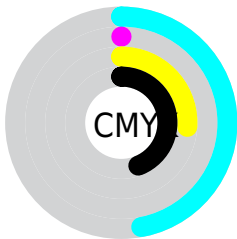
# Distribution



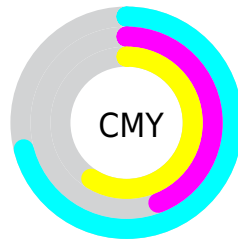
- Red (29%)
- Green (56%)
- Blue (41%)



- Red (29%)
- Yellow (47%)
- Blue (56%)



- Cyan (47%)
- Magenta (0%)
- Yellow (26%)
- Black (44%)



- Cyan (71%)
- Magenta (44%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B8E69 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 4B8E69 by changing the saturation by 10% instead.





4B8E69



4B8E69

FFFFFF



317451



80C49C



145B3A



9BE0B7



004324



B6FDD3



002C0F



D3FFEF



001600



FFFFFF



000000



4B8E69



4B8E69



3D8E61



598E71



2F8E59



678E79

■ 208E51

■ 768E81

■ 128E4A

■ 848E88

■ 048E42

■ 928E90

■ 008E40

■ A08E98

■ AE8EA0

■ BD8EA8

■ CB8EB0

# Harmonies

## Analogous

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



6F8952



4B8E69



1A9086

# Triad

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



4B8E69



6082B9



B56E60

# Complementary

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



4B8E69



8E4B70

# 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.



B76A7C



4B8E69



8C77AF

# Square

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



4B8E69



278AB4



A96E98



A6774D

# Rectangle

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



4B8E69



008F99



A96E98



B76C69



# Sweetspot

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



4B8E69



9EB8A9



718E4B



4C5C53



DBDBDB



5C5C5C



# Same Dimension

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



4B8E69



4FB87E



4B8E8A



404743



00873D



000803



# Inverse Universe

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



8E4B70



B84F89



8E4B4F



474044



87004B



080004



# Previews

## White Background



This preview shows how the Hex color 4B8E69 looks on a white background.

## Color Contrast Check

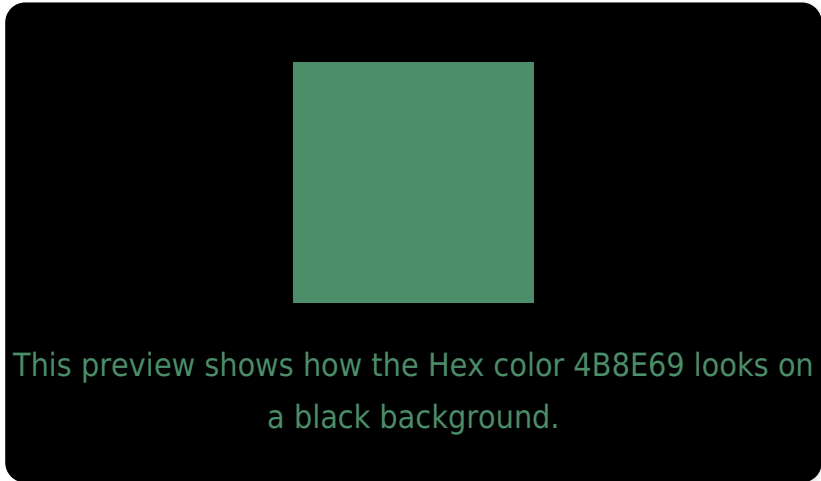
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

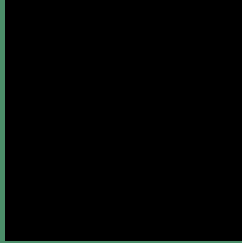
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4B8E69 Background



This preview shows how black text looks on a background with the Hex color 4B8E69.

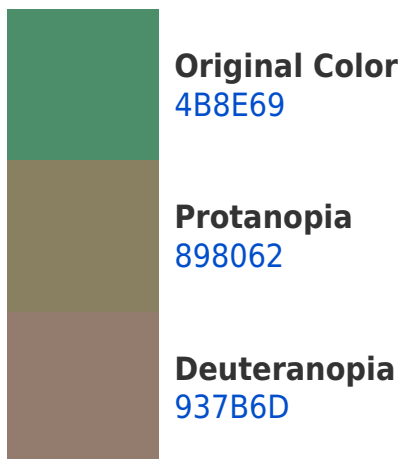


This preview shows how white text looks on a background with the Hex color 4B8E69.

# 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**  
568893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B8E69 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 #4B8E69 looks like.

```
.text, #text, p{  
    color:#4B8E69  
}
```

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 #4B8E69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B8E69
}
```

## Border

The CSS property to change the border of an element to Hex 4B8E69 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
#4B8E69 }
```

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

```
.border{ border-color:#4B8E69 }
```

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

Here you see how a box with a 4 pixel #4B8E69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B8E69; -webkit-box-shadow:4px 4px  
4px 4px #4B8E69; box-shadow:4px 4px 4px  
4px #4B8E69 }
```

# Background

The CSS property to change the background color of an element to Hex 4B8E69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B8E69 }
```

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

```
.background{ background-color:#4B8E69 }
```

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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