

# Converting Colors

Hex(4B816E)

Have a look what the booklet for  
Hex(4B816E) contains.

<b>Hex(4B816E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(4B816E)

# Conversions

## Conversions Part 1

Format	Color
Hex	4B816E
RGB	75, 129, 110
RGB Percent	29%, 51%, 43%
CMY	0.7059, 0.4941, 0.5686
CMYK	0.42, 0.00, 0.15, 0.49
HSL	159°, 26%, 40%
HSV	159°, 42%, 51%
XYZ	13.5664, 18.3222, 17.5734
YIQ	110.6880, -26.0850, -17.3570

# Conversions

## Conversions Part 2

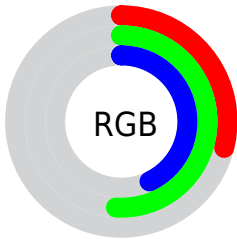
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 108, 129
Decimal	4948334
CIELab	49.88, -22.68, 4.70
CIELCh	50, 23.164, 168.287
Yxy	18.3222, 0.2743, 0.3704
Android (android.graphics.Color)	4283138414 (0xFF4B816E)
YUV	110.6880, -0.3392, -31.2984
Hunter-Lab	42.8044, -18.3341, 5.6215

# Details

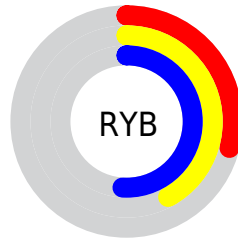
The Hex color **4B816E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **814B5E**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **7EB6A2**, and **184F3E** is the 20% darker color. If you saturate the color by 10%, you get **3E8169**, and if you desaturate by 10%, it is **588173**.

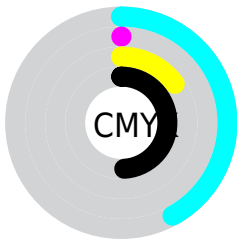
# Distribution



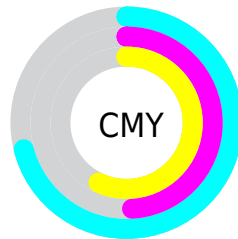
- Red (29%)
- Green (51%)
- Blue (43%)



- Red (29%)
- Yellow (42%)
- Blue (51%)



- Cyan (42%)
- Magenta (0%)
- Yellow (15%)
- Black (49%)



- Cyan (71%)
- Magenta (49%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B816E 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 4B816E by changing the saturation by 10% instead.



 4B816E

 4B816E

FFFFFF

 326856

 7EB6A2

 184F3E

 99D2BD

 003829

 B5EED8

 002314

 D1FFF5

 000000


 EDFFFF

 4B816E

 4B816E

 3E8169

 588173

 318165

 658177

■ 248160

■ 72817C

■ 17815C

■ 7F8180

■ 0A8157

■ 8C8185

■ 008154

■ 988189

■ A5818E

■ B28192

■ BF8197

# Harmonies

## Analogous

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



627E5C



4B816E



3A8182

# Triad

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



4B816E



6F749C



996C5A

# Complementary

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



4B816E



814B5E

# 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.



9E686B



4B816E



886D91

# Square

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



4B816E



527B9D



99697F



8B7350

# Rectangle

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



4B816E



38808E



99697F



9C6B5F



# Sweetspot

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



4B816E



92A8A1



5F814B



47544F



D4D4D4



545454



# Same Dimension

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



4B816E



54A88B



4B7A81



39403E



008053



000000



# Inverse Universe

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



814B5E



A85472



81524B



40393C



80002D



000000



# Previews

## White Background



This preview shows how the Hex color 4B816E looks on a white background.

## Color Contrast Check

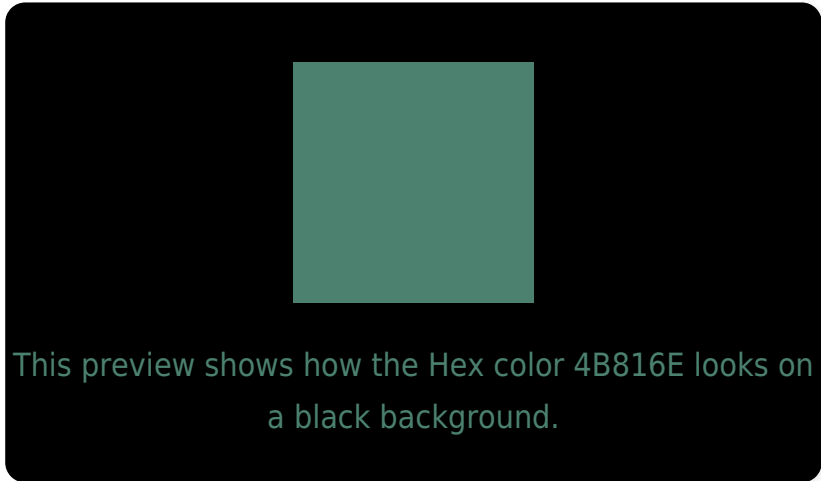
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 4B816E Background



This preview shows how black text looks on a background with the Hex color 4B816E.

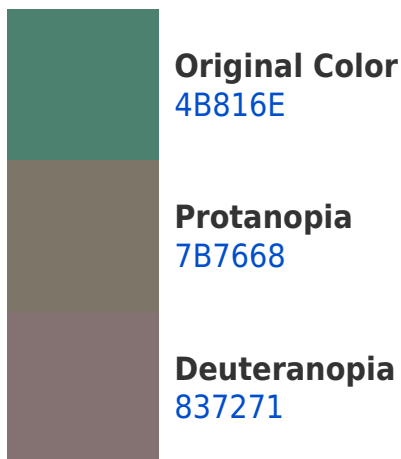


This preview shows how white text looks on a background with the Hex color 4B816E.

# 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](#).

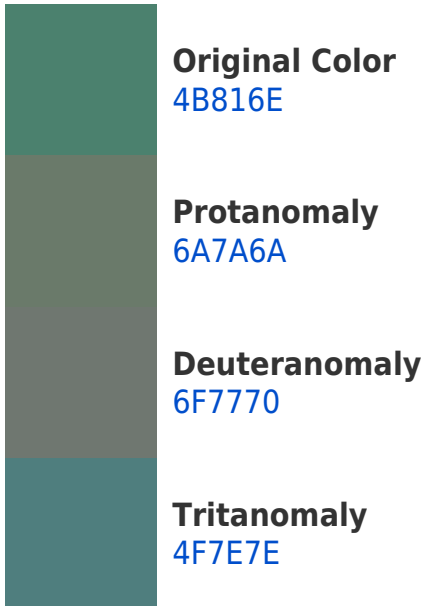
## Dichromacy



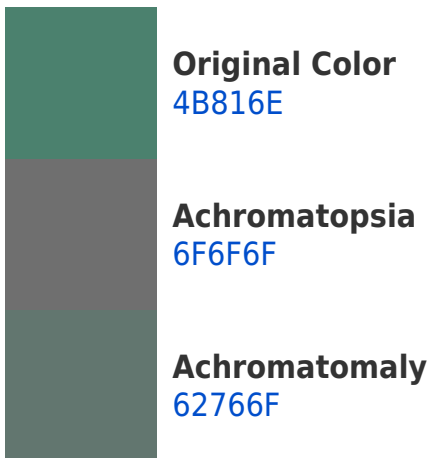


**Tritanopia**  
517D87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B816E 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 #4B816E looks like.

```
.text, #text, p{  
    color:#4B816E  
}
```

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 #4B816E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B816E
}
```

## Border

The CSS property to change the border of an element to Hex 4B816E 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
#4B816E }
```

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

```
.border{ border-color:#4B816E }
```

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

Here you see how a box with a 4 pixel #4B816E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B816E; -webkit-box-shadow:4px 4px  
4px 4px #4B816E; box-shadow:4px 4px 4px  
4px #4B816E }
```

# Background

The CSS property to change the background color of an element to Hex 4B816E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B816E }
```

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

```
.background{ background-color:#4B816E }
```

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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