

# Converting Colors

Hex(48804A)

Have a look what the booklet for  
Hex(48804A) contains.

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# Color

**Hex(48804A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	48804A
RGB	72, 128, 74
RGB Percent	28%, 50%, 29%
CMY	0.7176, 0.4980, 0.7098
CMYK	0.44, 0.00, 0.42, 0.50
HSL	122°, 28%, 39%
HSV	122°, 44%, 50%
XYZ	11.6277, 17.3105, 9.2070
YIQ	105.1000, -16.0420, -28.6660

# Conversions

## Conversions Part 2

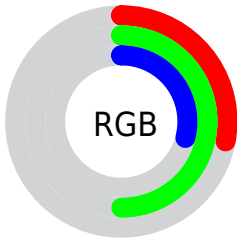
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 126, 128
Decimal	4751434
CIE <sub>Lab</sub>	48.65, -30.45, 23.68
CIE <sub>LCh</sub>	49, 38.572, 142.127
Yxy	17.3105, 0.3048, 0.4538
Android (android.graphics.Color)	4282941514 (0xFF48804A)
YUV	105.1000, -15.3323, -29.0287
Hunter-Lab	41.6059, -22.9244, 16.0038

# Details

The Hex color **48804A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **80487E**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **7CB57B**, and **144E1D** is the 20% darker color. If you saturate the color by 10%, you get **3B803E**, and if you desaturate by 10%, it is **558056**.

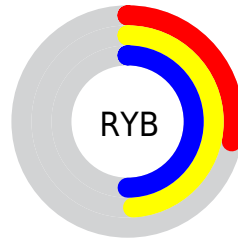
# Distribution



Red (28%)

Green (50%)

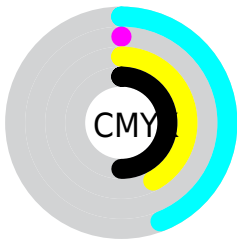
Blue (29%)



Red (28%)

Yellow (49%)

Blue (50%)

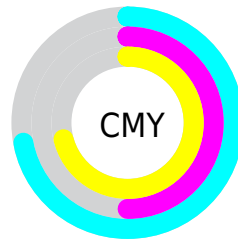


Cyan (44%)

Magenta (0%)

Yellow (42%)

Black (50%)



Cyan (72%)

Magenta (50%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 48804A 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 48804A by changing the saturation by 10% instead.



 48804A

 48804A

FFFFFF

 2F6733

 7CB57B

 144E1D

 96D195

 003705

 B2EDB0

 002200

 CEFFCC

 000000

 EAFFE8

 48804A

 48804A

 3B803E

 558056

 2E8031

 628063

■ 228025

■ 6E806F

■ 158019

■ 7B807B

■ 08800C

■ 888088

■ 008005

■ 958094

■ A280A0

■ AE80AD

■ BB80B9

# Harmonies

## Analogous

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



6F7935



48804A



00846A

# Triad

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



48804A



197AB4



B1595D

# Complementary

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



48804A



80487E

# 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.



AB597E



48804A



686E80

# Square

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



48804A



0081A6



94629C



A66341

# Rectangle

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



48804A



008480



94629C



B15867



# Sweetspot

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



48804A



90A691



7E8048



475447



D4D4D4



545454



# Same Dimension

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



48804A



4EA651



488066



39403A



008005



000000



# Inverse Universe

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



80487E



A64EA3



804862



403940



80007B



000000



# Previews

## White Background



This preview shows how the Hex color 48804A looks on a white background.

## Color Contrast Check

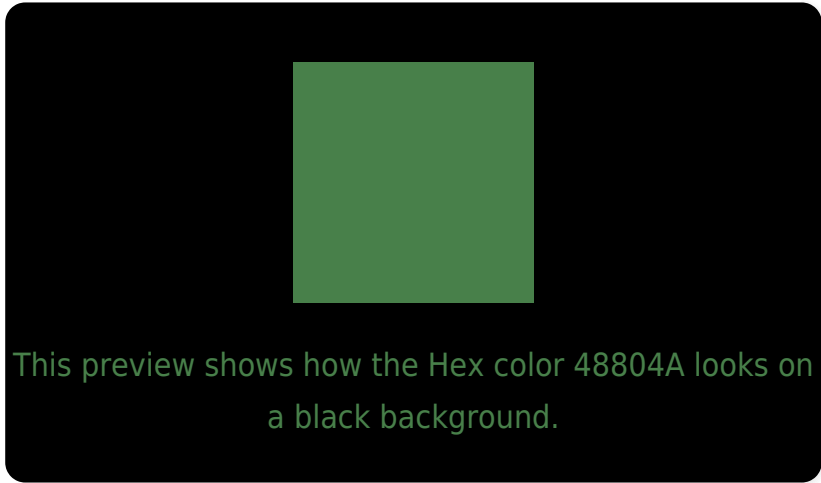
Large Text (above 18pt) WCAG AA ✓ Pass

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

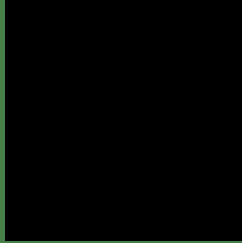
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 48804A Background



This preview shows how black text looks on a background with the Hex color 48804A.



This preview shows how white text looks on a background with the Hex color 48804A.

# 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



**Original Color**  
48804A

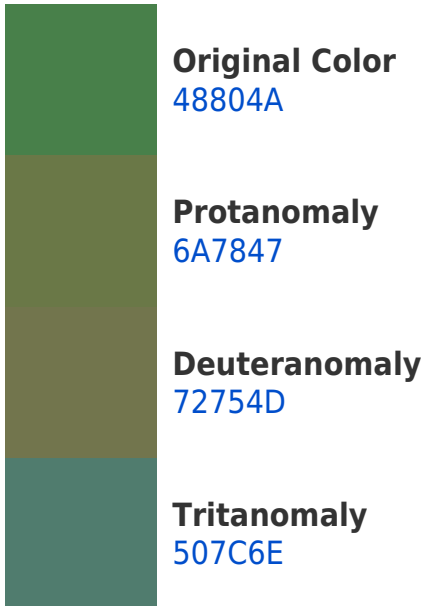
**Protanopia**  
7E7345

**Deuteranopia**  
8A6E4E

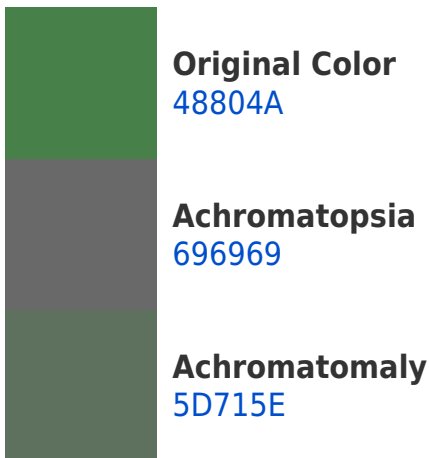


**Tritanopia**  
547983

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 48804A 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 #48804A looks like.

```
.text, #text, p{  
    color:#48804A  
}
```

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 #48804A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48804A
}
```

## Border

The CSS property to change the border of an element to Hex 48804A 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".

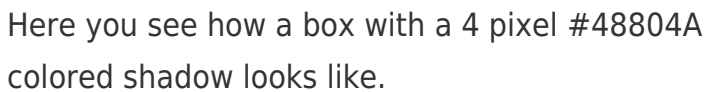
```
.border, #border, table{ border:4px solid
#48804A }
```

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

```
.border{ border-color:#48804A }
```

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

Here you see how a box with a 4 pixel #48804A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48804A; -webkit-box-shadow:4px 4px  
4px 4px #48804A; box-shadow:4px 4px 4px  
4px #48804A }
```

# Background

The CSS property to change the background color of an element to Hex 48804A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48804A }
```

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

```
.background{ background-color:#48804A }
```

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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