

# Converting Colors

Hex(4D804A)

Have a look what the booklet for  
Hex(4D804A) contains.

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# Color

**Hex(4D804A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D804A
RGB	77, 128, 74
RGB Percent	30%, 50%, 29%
CMY	0.6980, 0.4980, 0.7098
CMYK	0.40, 0.00, 0.42, 0.50
HSL	117°, 27%, 40%
HSV	117°, 42%, 50%
XYZ	12.0158, 17.5105, 9.2251
YIQ	106.5950, -13.0620, -27.6060

# Conversions

## Conversions Part 2

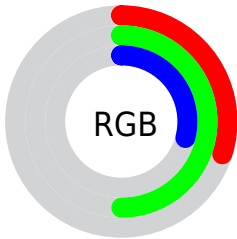
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 128, 125
Decimal	5079114
CIELab	48.90, -28.79, 24.05
CIELCh	49, 37.510, 140.122
Yxy	17.5105, 0.3101, 0.4519
Android (android.graphics.Color)	4283269194 (0xFF4D804A)
YUV	106.5950, -16.0693, -25.9548
Hunter-Lab	41.8456, -21.9743, 16.2210

# Details

The Hex color **4D804A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7D4A80**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **80B57B**, and **1B4E1C** is the 20% darker color. If you saturate the color by 10%, you get **41803D**, and if you desaturate by 10%, it is **598057**.

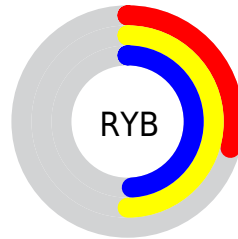
# Distribution



Red (30%)

Green (50%)

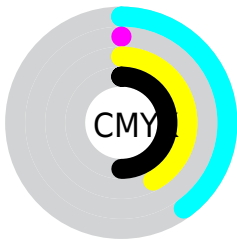
Blue (29%)



Red (29%)

Yellow (50%)

Blue (49%)

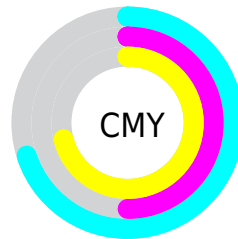


Cyan (40%)

Magenta (0%)

Yellow (42%)

Black (50%)



Cyan (70%)

Magenta (50%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D804A 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 4D804A by changing the saturation by 10% instead.





4D804A



4D804A

FFFFFF



346733



80B57B



1B4E1C



9BD195



003705



B7EDB0



002200



D3FFCC



000000



EFFFE8



4D804A



4D804A



41803D



598057



358030



658064

 298024

 718070

 1D8017

 7D807D

 11800A

 89808A

 078000

 968097

 A280A4

 AE80B0

 BA80BD

# Harmonies

## Analogous

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



727936



4D804A



0C8468

# Triad

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



4D804A



197BB2



B05B60

# Complementary

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



4D804A



7D4A80

# 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.



AA5B80



4D804A



6670B0

# Square

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



4D804A



0081A4



91649D



A66345

# Rectangle

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



4D804A



00847E



91649D



B05A6B



# Sweetspot

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



4D804A



91A690



807C4A



475447



D4D4D4



545454



# Same Dimension

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



4D804A



56A651



4A8061



3A4039



078000



000000



# Inverse Universe

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



7D4A80



A151A6



804A69



3F3940



780080



000000



# Previews

## White Background



This preview shows how the Hex color 4D804A looks on a white background.

## Color Contrast Check

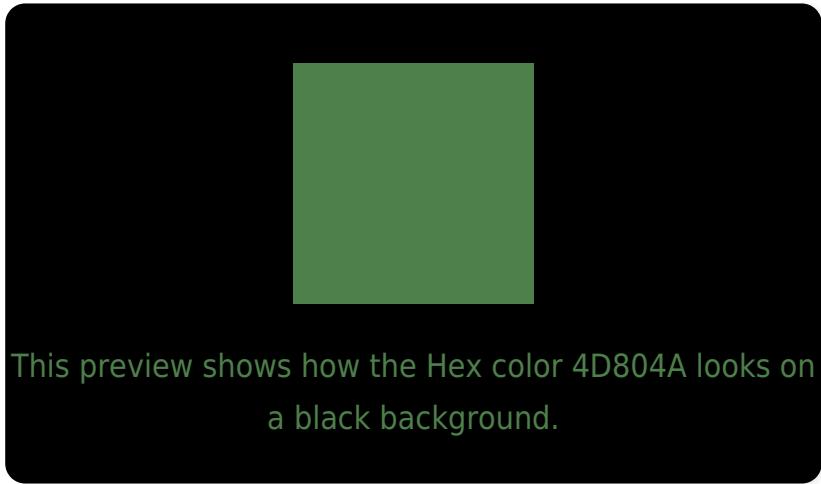
Large Text (above 18pt) WCAG AA ✓ Pass

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 4D804A Background



This preview shows how black text looks on a background with the Hex color 4D804A.



This preview shows how white text looks on a background with the Hex color 4D804A.

# 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**  
4D804A

**Protanopia**  
7F7445

**Deuteranopia**  
8A6F4E



**Tritanopia**  
587983

# Trichromacy



**Original Color**  
4D804A

**Protanomaly**  
6D7847

**Deuteranomaly**  
74754D

**Tritanomaly**  
547C6E

# Monochromacy



**Original Color**  
4D804A

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
60735F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D804A 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 #4D804A looks like.

```
.text, #text, p{  
    color:#4D804A  
}
```

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 #4D804A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D804A
}
```

## Border

The CSS property to change the border of an element to Hex 4D804A 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
#4D804A }
```

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

```
.border{ border-color:#4D804A }
```

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

Here you see how a box with a 4 pixel #4D804A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D804A; -webkit-box-shadow:4px 4px  
4px 4px #4D804A; box-shadow:4px 4px 4px  
4px #4D804A }
```

# Background

The CSS property to change the background color of an element to Hex 4D804A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D804A }
```

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

```
.background{ background-color:#4D804A }
```

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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