

# Converting Colors

Hex(48764B)

Have a look what the booklet for  
Hex(48764B) contains.

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# Color

**Hex(48764B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	48764B
RGB	72, 118, 75
RGB Percent	28%, 46%, 29%
CMY	0.7176, 0.5373, 0.7059
CMYK	0.39, 0.00, 0.36, 0.54
HSL	124°, 24%, 37%
HSV	124°, 39%, 46%
XYZ	10.4209, 14.8426, 8.9723
YIQ	99.3440, -13.6130, -23.1250

# Conversions

## Conversions Part 2

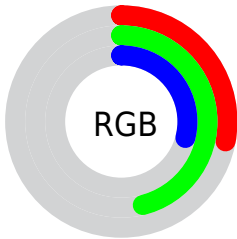
<b>Format</b>	<b>Color</b>
<b>RYB</b>	72, 115, 118
Decimal	4748875
CIELab	45.42, -25.42, 18.86
CIELCh	45, 31.655, 143.429
Yxy	14.8426, 0.3044, 0.4335
Android (android.graphics.Color)	4282938955 (0xFF48764B)
YUV	99.3440, -12.0016, -23.9807
Hunter-Lab	38.5261, -19.1382, 13.1603

# Details

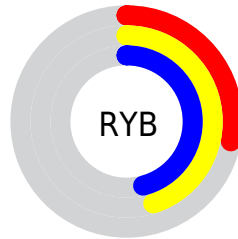
The Hex color **48764B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **764873**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **7BAB7C**, and **17451E** is the 20% darker color. If you saturate the color by 10%, you get **3C7640**, and if you desaturate by 10%, it is **547656**.

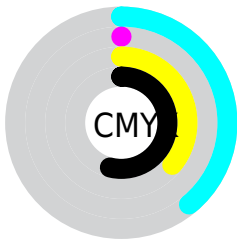
# Distribution



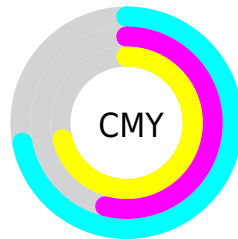
- Red (28%)
- Green (46%)
- Blue (29%)



- Red (28%)
- Yellow (45%)
- Blue (46%)



- Cyan (39%)
- Magenta (0%)
- Yellow (36%)
- Black (54%)



- Cyan (72%)
- Magenta (54%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 48764B 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 48764B by changing the saturation by 10% instead.





48764B



48764B

FFFFFF



305D34



7BAB7C



17451E



95C696



002E07



B0E2B1



001B00



CCFFCC



000000



E8FFE9



48764B



48764B



3C7640



547656



307635



607661

■ 25762A

■ 6B766C

■ 19761F

■ 777677

■ 0D7614

■ 837682

■ 017609

■ 8F768D

■ 007608

■ 9B7698

■ A676A3

■ B276AE

# Harmonies

## Analogous

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



67703A



48764B



1D7965

# Triad

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



48764B



3470A0



9E5758

# Complementary

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



48764B



764873

# 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.



9A5772



48764B



65679C

# Square

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



48764B



007695



875D8B



955F42

# Rectangle

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



48764B



007977



875D8B



9E5661



# Sweetspot

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



48764B



879988



747648



424D42



CCCCCC



4D4D4D



# Same Dimension

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



48764B



519956



487661



353B35



007A08



00FA10



# Inverse Universe

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



764873



995194



76485D



3B353A



7A0072



FA00EA



# Previews

## White Background



This preview shows how the Hex color 48764B looks on a white background.

## Color Contrast Check

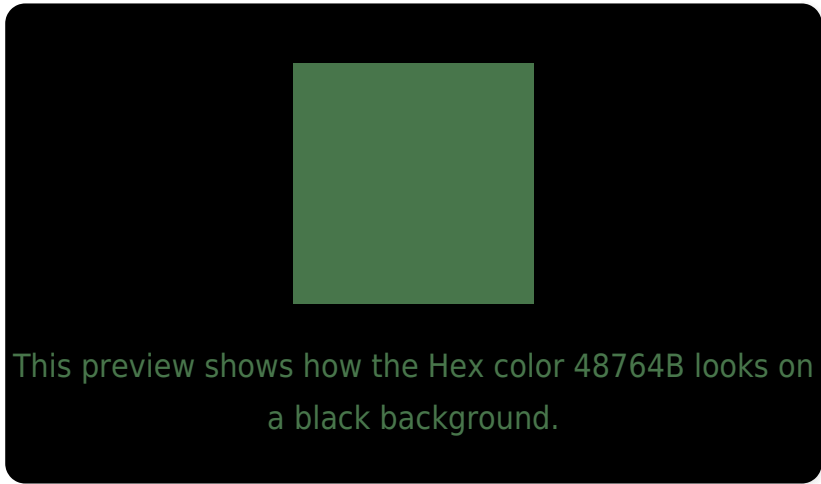
Large Text (above 18pt) WCAG AA ✓ Pass

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 48764B Background



This preview shows how black text looks on a background with the Hex color 48764B.



This preview shows how white text looks on a background with the Hex color 48764B.

# 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**  
48764B

**Protanopia**  
746B47

**Deuteranopia**  
7F674E



**Tritanopia**  
517079

# Trichromacy



**Original Color**  
48764B

**Protanomaly**  
646F48

**Deuteranomaly**  
6B6C4D

**Tritanomaly**  
4E7268

# Monochromacy



**Original Color**  
48764B

**Achromatopsia**  
636363

**Achromatomaly**  
596A5A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 48764B 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 #48764B looks like.

```
.text, #text, p{  
    color:#48764B  
}
```

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 #48764B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48764B
}
```

## Border

The CSS property to change the border of an element to Hex 48764B 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".

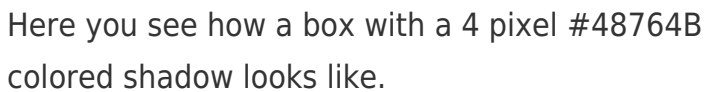
```
.border, #border, table{ border:4px solid
#48764B }
```

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

```
.border{ border-color:#48764B }
```

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

Here you see how a box with a 4 pixel #48764B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48764B; -webkit-box-shadow:4px 4px  
4px 4px #48764B; box-shadow:4px 4px 4px  
4px #48764B }
```

# Background

The CSS property to change the background color of an element to Hex 48764B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48764B }
```

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

```
.background{ background-color:#48764B }
```

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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