

# Converting Colors

Hex(48814C)

Have a look what the booklet for  
Hex(48814C) contains.

<b>Hex(48814C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(48814C)

# Conversions

## Conversions Part 1

Format	Color
Hex	48814C
RGB	72, 129, 76
RGB Percent	28%, 51%, 30%
CMY	0.7176, 0.4941, 0.7020
CMYK	0.44, 0.00, 0.41, 0.49
HSL	124°, 28%, 39%
HSV	124°, 44%, 51%
XYZ	11.8273, 17.6000, 9.6113
YIQ	105.9150, -16.9590, -28.5670

# Conversions

## Conversions Part 2

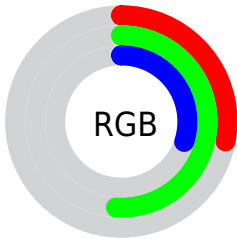
<b>Format</b>	<b>Color</b>
<b>RYB</b>	72, 125, 129
Decimal	4751692
CIELab	49.01, -30.58, 23.03
CIElCh	49, 38.283, 143.016
Yxy	17.6000, 0.3030, 0.4508
Android (android.graphics.Color)	4282941772 (0xFF48814C)
YUV	105.9150, -14.7481, -29.7435
Hunter-Lab	41.9524, -23.0938, 15.7834

# Details

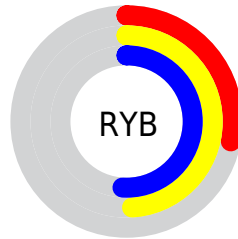
The Hex color **48814C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **81487D**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **7CB67E**, and **134F1E** is the 20% darker color. If you saturate the color by 10%, you get **3B8140**, and if you desaturate by 10%, it is **558158**.

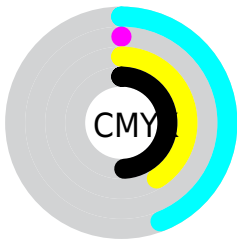
# Distribution



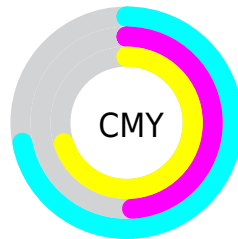
- Red (28%)
- Green (51%)
- Blue (30%)



- Red (28%)
- Yellow (49%)
- Blue (51%)



- Cyan (44%)
- Magenta (0%)
- Yellow (41%)
- Black (49%)



- Cyan (72%)
- Magenta (49%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 48814C 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 48814C by changing the saturation by 10% instead.



 48814C

 48814C

FFFFFF

 2F6835

 7CB67E

 134F1E

 96D298

 003808

 B2EFB3

 002300

 CEFFCE

 000000

 EBFEEA

 48814C

 48814C

 3B8140

 558158

 2E8134

 628164

 218128

 6F8170

 14811C

 7C817C

 078110

 898188

 008109

 958194

 A281A0

 AF81AC

 BC81B8

# Harmonies

## Analogous

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



6F7A36



48814C



00846B

# Triad

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



48814C



217AB5



B15B5D

# Complementary

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



48814C



81487D

# 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.



AD5A7D



48814C



6B6FB0

# Square

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



48814C



0081A8



95629C



A66442

# Rectangle

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



48814C



008582



95629C



B25967



# Sweetspot

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



48814C



92A894



7D8148



475448



D4D4D4



545454



# Same Dimension

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



48814C



4FA855



488168



39403A



008009



000000



# Inverse Universe

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



81487D



A84FA2



814861



40393F



800077



000000



# Previews

## White Background



This preview shows how the Hex color 48814C looks on a white background.

## Color Contrast Check

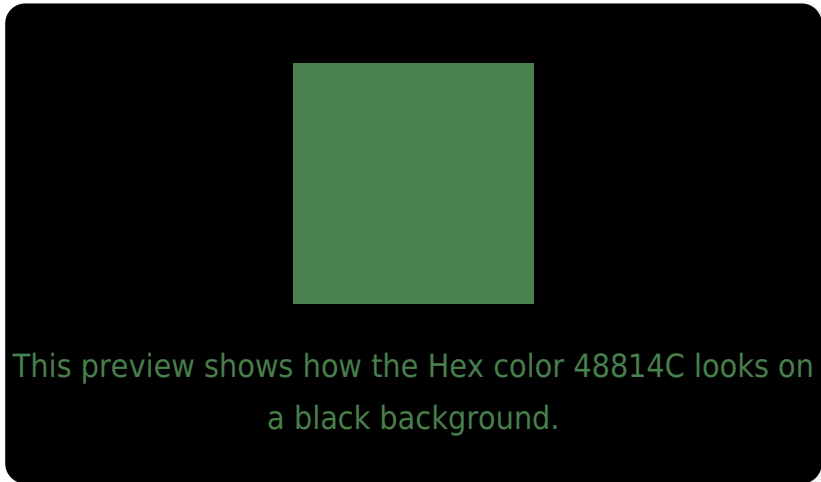
Large Text (above 18pt) WCAG AA ✓ Pass

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

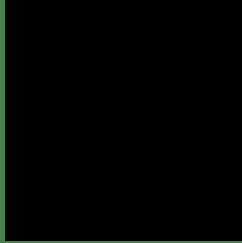
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 48814C Background



This preview shows how black text looks on a background with the Hex color 48814C.



This preview shows how white text looks on a background with the Hex color 48814C.

# 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**  
48814C

**Protanopia**  
7F7447

**Deuteranopia**  
8A6F50



**Tritanopia**  
547A84

# Trichromacy



**Original Color**  
48814C

**Protanomaly**  
6B7949

**Deuteranomaly**  
72764F

**Tritanomaly**  
507D70

# Monochromacy



**Original Color**  
48814C

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
5E725F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 48814C 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 #48814C looks like.

```
.text, #text, p{  
    color:#48814C  
}
```

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 #48814C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48814C
}
```

## Border

The CSS property to change the border of an element to Hex 48814C 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
#48814C }
```

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

```
.border{ border-color:#48814C }
```

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

Here you see how a box with a 4 pixel #48814C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48814C; -webkit-box-shadow:4px 4px  
4px 4px #48814C; box-shadow:4px 4px 4px  
4px #48814C }
```

# Background

The CSS property to change the background color of an element to Hex 48814C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48814C }
```

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

```
.background{ background-color:#48814C }
```

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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