

# Converting Colors

Hex(4C9444)

Have a look what the booklet for  
Hex(4C9444) contains.

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**Color**

**Hex(4C9444)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C9444
RGB	76, 148, 68
RGB Percent	30%, 58%, 27%
CMY	0.7020, 0.4196, 0.7333
CMYK	0.49, 0.00, 0.54, 0.42
HSL	114°, 37%, 42%
HSV	114°, 54%, 58%
XYZ	14.6138, 23.1337, 9.1639
YIQ	117.3520, -17.2320, -40.1440

# Conversions

## Conversions Part 2

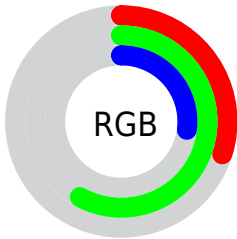
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 148, 140
Decimal	5018692
CIELab	55.21, -39.08, 35.13
CIELCh	55, 52.545, 138.045
Yxy	23.1337, 0.3115, 0.4931
Android (android.graphics.Color)	4283208772 (0xFF4C9444)
YUV	117.3520, -24.3305, -36.2657
Hunter-Lab	48.0975, -29.9357, 22.3719

# Details

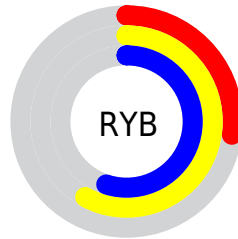
The Hex color **4C9444** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8C4494**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **82CB76**, and **106013** is the 20% darker color. If you saturate the color by 10%, you get **3F9435**, and if you desaturate by 10%, it is **599453**.

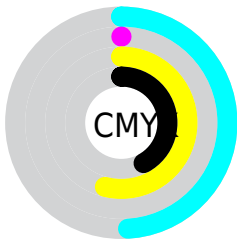
# Distribution



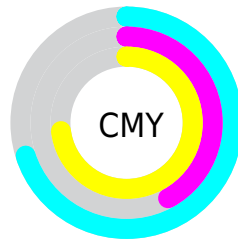
- Red (30%)
- Green (58%)
- Blue (27%)



- Red (27%)
- Yellow (58%)
- Blue (55%)



- Cyan (49%)
- Magenta (0%)
- Yellow (54%)
- Black (42%)



- Cyan (70%)
- Magenta (42%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C9444 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 4C9444 by changing the saturation by 10% instead.





4C9444



4C9444

FFFFFF



317A2C



82CB76



106013



9DE790



004800



B9FFAB



003100



D6FFC7



001B00



F3FFE3



000000



4C9444



4C9444



3F9435



599453



319426



679462

 249418

 749470

 179409

 81947F

 0F9400

 8F948E

 9C949D

 A994AC

 B794BA

 C494C9

# Harmonies

## Analogous

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



828A25



4C9444



009970

# Triad

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



4C9444



008FDD



D75C6B

# Complementary

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



4C9444



8C4494

# 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.



CE5D98



4C9444



6480DB

# Square

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



4C9444



0097C7



A96CC2



CA6942

# Rectangle

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



4C9444



009A90



A96CC2



D75A7A



# Sweetspot

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



4C9444



A4BFA1



948C44



50614E



E0E0E0



616161



# Same Dimension

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



4C9444



4FBF43



449464



434A43



0E8A00



010A00



# Inverse Universe

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



8C4494



B343BF



944474



49434A



7C008A



09000A



# Previews

## White Background



This preview shows how the Hex color 4C9444 looks on a white background.

## Color Contrast Check

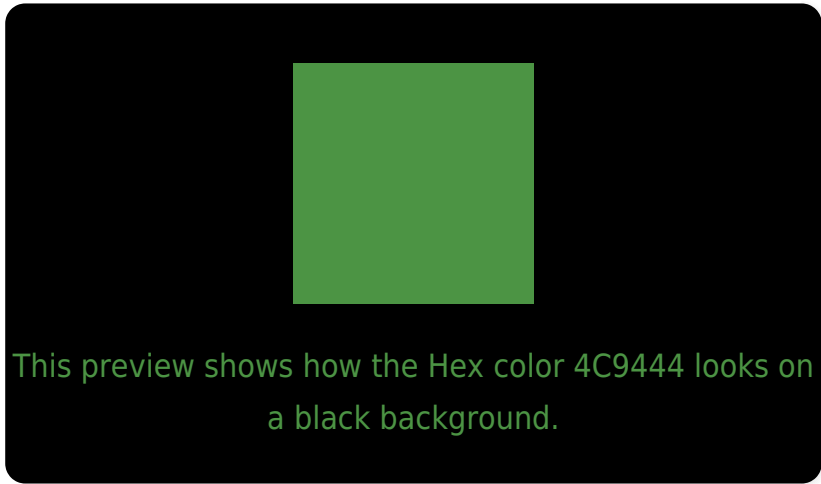
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 4C9444 Background



This preview shows how black text looks on a background with the Hex color 4C9444.



This preview shows how white text looks on a background with the Hex color 4C9444.

# 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**  
4C9444

**Protanopia**  
92843F

**Deuteranopia**  
A07D4A



**Tritanopia**  
5D8B96

# Trichromacy



**Original Color**  
4C9444



**Protanomaly**  
798A41



**Deuteranomaly**  
818548



**Tritanomaly**  
578E78

# Monochromacy



**Original Color**  
4C9444



**Achromatopsia**  
757575



**Achromatomaly**  
668063

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C9444 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 #4C9444 looks like.

```
.text, #text, p{  
    color:#4C9444  
}
```

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 #4C9444 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C9444
}
```

## Border

The CSS property to change the border of an element to Hex 4C9444 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
#4C9444 }
```

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

```
.border{ border-color:#4C9444 }
```

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

Here you see how a box with a 4 pixel #4C9444 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C9444; -webkit-box-shadow:4px 4px  
4px 4px #4C9444; box-shadow:4px 4px 4px  
4px #4C9444 }
```

# Background

The CSS property to change the background color of an element to Hex 4C9444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C9444 }
```

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

```
.background{ background-color:#4C9444 }
```

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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