

# Converting Colors

Hex(4C6C4C)

Have a look what the booklet for  
Hex(4C6C4C) contains.

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# Color

Hex(4C6C4C)

# Conversions

## Conversions Part 1

Format	Color
Hex	4C6C4C
RGB	76, 108, 76
RGB Percent	30%, 42%, 30%
CMY	0.7020, 0.5765, 0.7020
CMYK	0.30, 0.00, 0.30, 0.58
HSL	120°, 17%, 36%
HSV	120°, 30%, 42%
XYZ	9.6476, 12.7834, 8.7964
YIQ	94.7840, -8.8000, -16.7360

# Conversions

## Conversions Part 2

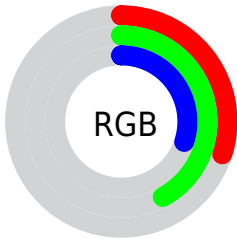
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 108, 108
Decimal	5008460
CIELab	42.44, -18.64, 14.29
CIELCh	42, 23.487, 142.522
Yxy	12.7834, 0.3089, 0.4094
Android (android.graphics.Color)	4283198540 (0xFF4C6C4C)
YUV	94.7840, -9.2605, -16.4736
Hunter-Lab	35.7539, -14.4043, 10.4408

# Details

The Hex color **4C6C4C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6C4C6C**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **7EA07D**, and **1E3C20** is the 20% darker color. If you saturate the color by 10%, you get **416C41**, and if you desaturate by 10%, it is **576C57**.

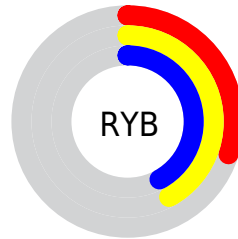
# Distribution



Red (30%)

Green (42%)

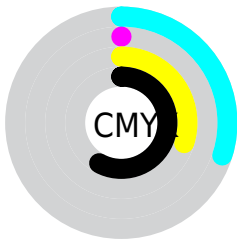
Blue (30%)



Red (30%)

Yellow (42%)

Blue (42%)

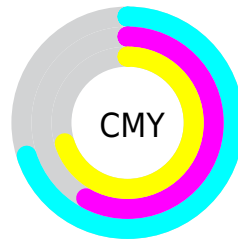


Cyan (30%)

Magenta (0%)

Yellow (30%)

Black (58%)



Cyan (70%)

Magenta (58%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C6C4C 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 4C6C4C by changing the saturation by 10% instead.



 4C6C4C

 4C6C4C


FFFFFF

 345435

 7EA07D

 1E3C20

 98BB97

 082609

 B3D6B2

 001000

 CFF3CD

 000000

 EBF9E9

 4C6C4C

 4C6C4C

 416C41

 576C57

 366C36

 626C62

■ 2C6C2C

■ 6C6C6C

■ 216C21

■ 776C77

■ 166C16

■ 826C82

■ 0B6C0B

■ 8D6C8D

■ 006C00

■ 986C98

■ A26CA2

■ AD6CAD

# Harmonies

## Analogous

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



626740



4C6C4C



346E5E

# Triad

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



4C6C4C



41688A



8A5656

# Complementary

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



4C6C4C



6C4C6C

# 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.



87566A



4C6C4C



606188

# Square

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



4C6C4C



256C82



785A7C



845B46

# Rectangle

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



4C6C4C



256F6C



785A7C



8A555D



# Sweetspot

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



4C6C4C



808C80



6C6C4C



404740



C7C7C7



474747



# Same Dimension

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



4C6C4C



5A8C5A



4C6C5C



303630



007500



00F500



# Inverse Universe

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



6C4C6C



8C5A8C



6C4C5C



363036



750075



F500F5



# Previews

## White Background



This preview shows how the Hex color 4C6C4C looks on a white background.

## Color Contrast Check

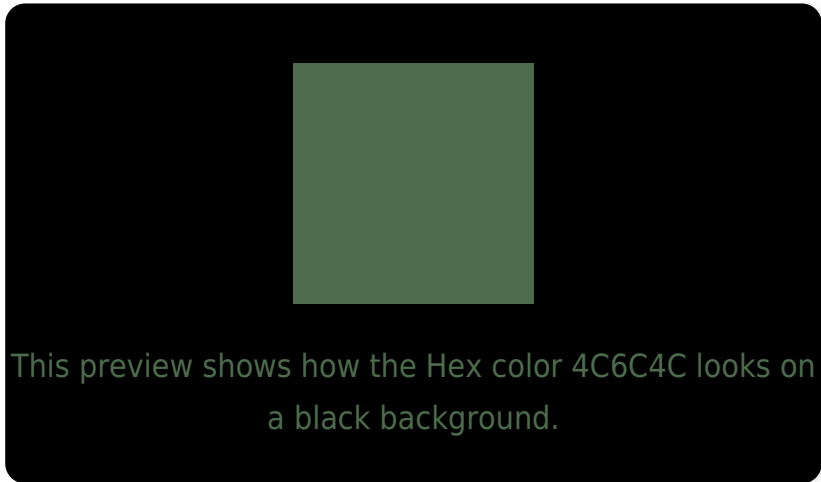
Large Text (above 18pt) WCAG AA ✓ Pass

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

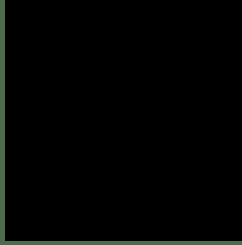
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C6C4C Background



This preview shows how black text looks on a background with the Hex color 4C6C4C.



This preview shows how white text looks on a background with the Hex color 4C6C4C.

# 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**  
4C6C4C

**Protanopia**  
6B6448

**Deuteranopia**  
75604F



**Tritanopia**  
526770

# Trichromacy



**Original Color**  
4C6C4C

**Protanomaly**  
606749

**Deuteranomaly**  
66644E

**Tritanomaly**  
506963

# Monochromacy



**Original Color**  
4C6C4C

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
586458

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C6C4C 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 #4C6C4C looks like.

```
.text, #text, p{  
    color:#4C6C4C  
}
```

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 #4C6C4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6C4C  
}
```

## Border

The CSS property to change the border of an element to Hex 4C6C4C 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  
#4C6C4C }
```

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

```
.border{ border-color:#4C6C4C }
```

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

Here you see how a box with a 4 pixel #4C6C4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6C4C; -webkit-box-shadow:4px 4px  
4px 4px #4C6C4C; box-shadow:4px 4px 4px  
4px #4C6C4C }
```

# Background

The CSS property to change the background color of an element to Hex 4C6C4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6C4C }
```

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

```
.background{ background-color:#4C6C4C }
```

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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