

# Converting Colors

Hex(4C634C)

Have a look what the booklet for  
Hex(4C634C) contains.

|  |    |
|--|----|
| <b>Hex(4C634C)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

Hex(4C634C)

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 4C634C                     |
| RGB         | 76, 99, 76                 |
| RGB Percent | 30%, 39%, 30%              |
| CMY         | 0.7020, 0.6118, 0.7020     |
| CMYK        | 0.23, 0.00, 0.23, 0.61     |
| HSL         | 120°, 13%, 34%             |
| HSV         | 120°, 23%, 39%             |
| XYZ         | 8.7468, 10.9820, 8.4962    |
| YIQ         | 89.5010, -6.3250, -12.0290 |

# Conversions

## Conversions Part 2

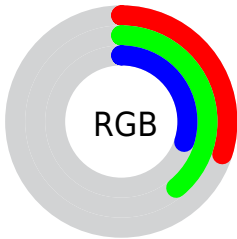
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 76, 99, 99                    |
| Decimal                             | 5006156                       |
| CIE <sub>Lab</sub>                  | 39.55, -13.70, 10.31          |
| CIE <sub>LCh</sub>                  | 40, 17.148, 143.033           |
| Yxy                                 | 10.9820, 0.3099,<br>0.3891    |
| Android<br>(android.graphics.Color) | 4283196236<br>(0xFF4C634C)    |
| YUV                                 | 89.5010, -6.6560,<br>-11.8404 |
| Hunter-Lab                          | 33.1391, -10.8795,<br>7.9966  |

# Details

The Hex color **4C634C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **634C63**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **7D967D**, and **1F3420** is the 20% darker color. If you saturate the color by 10%, you get **426342**, and if you desaturate by 10%, it is **566356**.

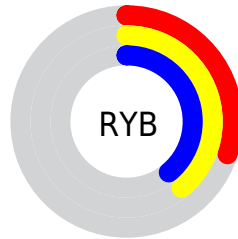
# Distribution



Red (30%)

Green (39%)

Blue (30%)



Red (30%)

Yellow (39%)

Blue (39%)

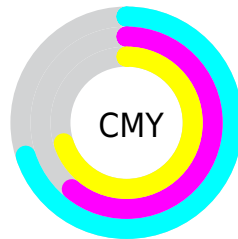


Cyan (23%)

Magenta (0%)

Yellow (23%)

Black (61%)



Cyan (70%)

Magenta (61%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C634C 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 4C634C by changing the saturation by 10% instead.





4C634C



4C634C

FFFFFF



354B35



7D967D



1F3420



97B197



0A1F09



B2CCB2



000000



CEE8CD



EAFFE9



4C634C



4C634C



426342



566356



386338



606360

 2E632E


 6A636A

 246324

 746374


 1A631A

 7E637E

 116311

 876387

 076307

 916391

 006300

 9B639B

 A563A5

# Harmonies

## Analogous

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



5C6043



4C634C



3D6559

# Triad

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



4C634C



475F79



795353

# Complementary

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



4C634C



634C63

# 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.



775361



4C634C



5B5B77

# Square

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



4C634C



376373



6C566E



755747

# Rectangle

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



4C634C



366563



6C566E



795357



# Sweetspot

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



4C634C



778077



63634C



3B403B



BFBFBF



404040



# Same Dimension

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



4C634C



5C805C



4C6358



2C302C



007000



00F000



# Inverse Universe

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



634C63



805C80



634C58



302C30



700070

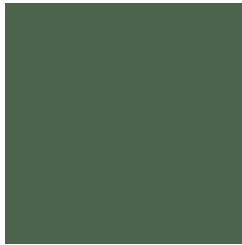


F000F0



# Previews

## White Background



This preview shows how the Hex color 4C634C looks on a white background.

## Color Contrast Check

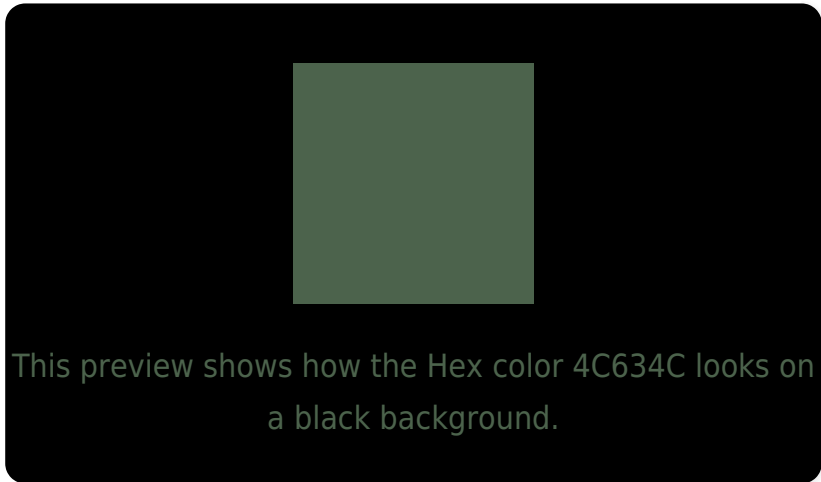
Large Text (above 18pt) WCAG AA ✓ Pass

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

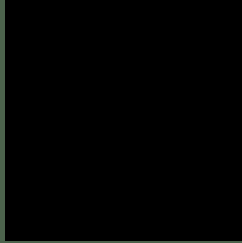
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C634C Background



This preview shows how black text looks on a background with the Hex color 4C634C.



This preview shows how white text looks on a background with the Hex color 4C634C.

# 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**  
4C634C

**Protanopia**  
635D49

**Deuteranopia**  
6B594E



**Tritanopia**  
515F67

# Trichromacy



**Original Color**  
4C634C

**Protanomaly**  
5B5F4A

**Deuteranomaly**  
605D4D

**Tritanomaly**  
4F605D

# Monochromacy



**Original Color**  
4C634C

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
555D55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C634C 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 #4C634C looks like.

```
.text, #text, p{  
    color:#4C634C  
}
```

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 #4C634C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C634C
}
```

## Border

The CSS property to change the border of an element to Hex 4C634C 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".

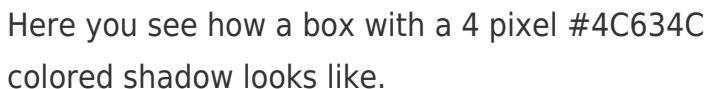
```
.border, #border, table{ border:4px solid
#4C634C }
```

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

```
.border{ border-color:#4C634C }
```

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

Here you see how a box with a 4 pixel #4C634C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C634C; -webkit-box-shadow:4px 4px  
4px 4px #4C634C; box-shadow:4px 4px 4px  
4px #4C634C }
```

# Background

The CSS property to change the background color of an element to Hex 4C634C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C634C }
```

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

```
.background{ background-color:#4C634C }
```

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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