

# Converting Colors

Hex(4C554C)

Have a look what the booklet for  
Hex(4C554C) contains.

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# Color

Hex(4C554C)

# Conversions

## Conversions Part 1

Format	Color
Hex	4C554C
RGB	76, 85, 76
RGB Percent	30%, 33%, 30%
CMY	0.7020, 0.6667, 0.7020
CMYK	0.11, 0.00, 0.11, 0.67
HSL	120°, 6%, 32%
HSV	120°, 11%, 33%
XYZ	7.5335, 8.5553, 8.0918
YIQ	81.2830, -2.4750, -4.7070

# Conversions

## Conversions Part 2

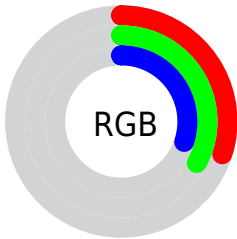
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 85, 85
Decimal	5002572
CIE Lab	35.11, -5.54, 4.04
CIE LCh	35, 6.857, 143.891
Yxy	8.5553, 0.3116, 0.3538
Android (android.graphics.Color)	4283192652 (0xFF4C554C)
YUV	81.2830, -2.6045, -4.6332
Hunter-Lab	29.2494, -5.2120, 4.0722

# Details

The Hex color **4C554C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **554C55**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **7D877D**, and **202820** is the 20% darker color. If you saturate the color by 10%, you get **435543**, and if you desaturate by 10%, it is **545554**.

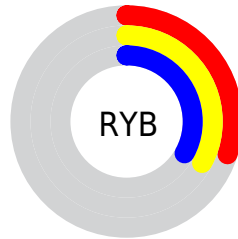
# Distribution



 Red (30%)

 Green (33%)

 Blue (30%)



 Red (30%)

 Yellow (33%)

 Blue (33%)

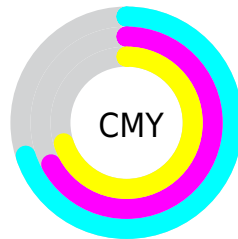


 Cyan (11%)

 Magenta (0%)

 Yellow (11%)

 Black (67%)



 Cyan (70%)

 Magenta (67%)

 Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C554C 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 4C554C by changing the saturation by 10% instead.





4C554C



4C554C

FFFFFF



353E35



7D877D



202820



97A197



091409



B1BCB1



000000



CDD8CD



E9F4E9



4C554C



4C554C



435543



545554



3B553B



5D555D

 325532

 655565

 2A552A


 6E556E

 215521

 765576

 195519

 7F557F

 115511

 875587

 085508

 905590

 005500

 985598

# Harmonies

## Analogous

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



525449



4C554C



475651

# Triad

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



4C554C



4B535D



5E4F4E

# Complementary

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



4C554C



554C55

# 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.



5D4F54



4C554C



52525D

# Square

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



4C554C



46555B



595059



5D504A

# Rectangle

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



4C554C



455655



595059



5E4F50



# Sweetspot

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



4C554C



6A6E6A



55554C



363836



B8B8B8



383838



# Same Dimension

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



4C554C



5F6E5F



4C5550



272B27



006B00



00EB00



# Inverse Universe

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



554C55



6E5F6E



554C50



2B272B



6B006B



EB00EB



# Previews

## White Background



This preview shows how the Hex color 4C554C looks on a white background.

## Color Contrast Check

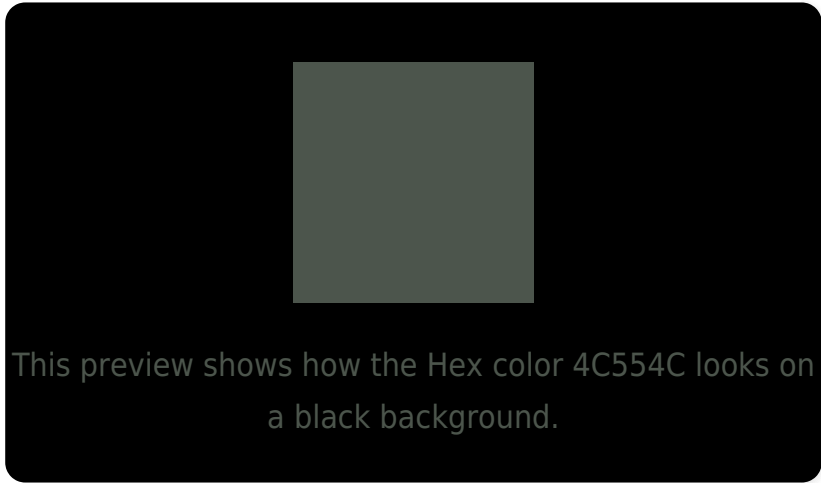
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

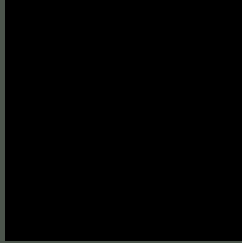
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C554C Background



This preview shows how black text looks on a background with the Hex color 4C554C.

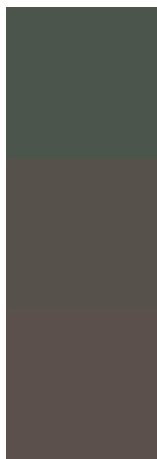


This preview shows how white text looks on a background with the Hex color 4C554C.

# 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**  
4C554C

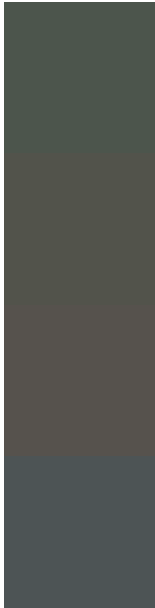
**Protanopia**  
56524B

**Deuteranopia**  
5C504D



**Tritanopia**  
4E535A

# Trichromacy



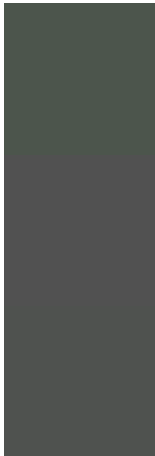
**Original Color**  
4C554C

**Protanomaly**  
52534B

**Deuteranomaly**  
56524D

**Tritanomaly**  
4D5455

# Monochromacy



**Original Color**  
4C554C

**Achromatopsia**  
515151

**Achromatomaly**  
4F524F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C554C 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 #4C554C looks like.

```
.text, #text, p{  
    color:#4C554C  
}
```

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 #4C554C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C554C
}
```

## Border

The CSS property to change the border of an element to Hex 4C554C is called "border". The border property can be set on classes, ids or directly on the HTML element.

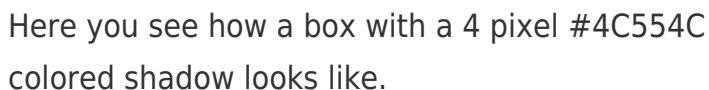
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C554C }
```

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

```
.border{ border-color:#4C554C }
```

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



Here you see how a box with a 4 pixel #4C554C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C554C; -webkit-box-shadow:4px 4px  
4px 4px #4C554C; box-shadow:4px 4px 4px  
4px #4C554C }
```

# Background

The CSS property to change the background color of an element to Hex 4C554C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C554C }
```

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

```
.background{ background-color:#4C554C }
```

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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