

# Converting Colors

Hex(4C4C42)

Have a look what the booklet for  
Hex(4C4C42) contains.

<b>Hex(4C4C42)</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(4C4C42)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C4C42
RGB	76, 76, 66
RGB Percent	30%, 30%, 26%
CMY	0.7020, 0.7020, 0.7412
CMYK	0.00, 0.00, 0.13, 0.70
HSL	60°, 7%, 28%
HSV	60°, 13%, 30%
XYZ	6.5483, 7.0987, 6.1793
YIQ	74.8600, 3.2100, -3.1100

# Conversions

## Conversions Part 2

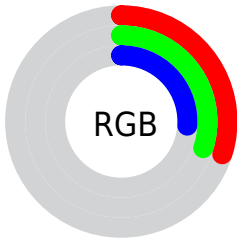
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 76, 66
Decimal	5000258
CIELab	32.03, -2.05, 5.95
CIELCh	32, 6.298, 109.035
Yxy	7.0987, 0.3303, 0.3580
Android (android.graphics.Color)	4283190338 (0xFF4C4C42)
YUV	74.8600, -4.3680, 0.9998
Hunter-Lab	26.6434, -2.7551, 4.8995

# Details

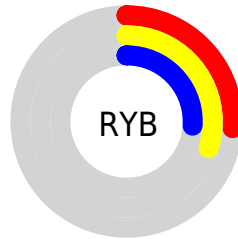
The Hex color **4C4C42** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **42424C**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7D7D72**, and **202017** is the 20% darker color. If you saturate the color by 10%, you get **4C4C3A**, and if you desaturate by 10%, it is **4C4C4A**.

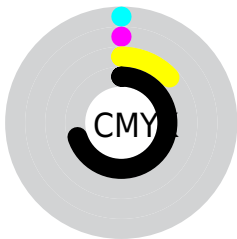
# Distribution



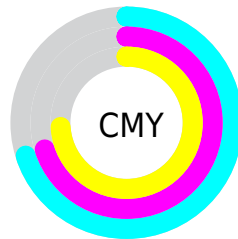
- Red (30%)
- Green (30%)
- Blue (26%)



- Red (26%)
- Yellow (30%)
- Blue (26%)



- Cyan (0%)
- Magenta (0%)
- Yellow (13%)
- Black (70%)



- Cyan (70%)
- Magenta (70%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C4C42 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 4C4C42 by changing the saturation by 10% instead.





4C4C42



4C4C42

FFFFFF



35352C



7D7D72



202017



97978B



060900



B1B1A6



000000



CDCDC1



E9E9DD



FFFFFF9



4C4C42



4C4C42



4C4C3A



4C4C4A

■ 4C4C33

■ 4C4C51

■ 4C4C2B

■ 4C4C59

■ 4C4C24

■ 4C4C60

■ 4C4C1C

■ 4C4C68

■ 4C4C14

■ 4C4C70

■ 4C4C0D

■ 4C4C77

■ 4C4C05

■ 4C4C7F

■ 4C4C00

■ 4C4C86

# Harmonies

## Analogous

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



514A42



4C4C42



464D45

# Triad

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



4C4C42



404E53



54484D

# Complementary

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



4C4C42



42424C

# 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.



504952



4C4C42



444C55

# Square

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



4C4C42



3F4E4E



4A4B55



564848

# Rectangle

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



4C4C42



434E48



4A4B55



53484F



# Sweetspot

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



4C4C42



63635F



4C4242



333330



B3B3B3



333333



# Same Dimension

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



4C4C42



636354



474C42



262622



666600



E6E600



# Inverse Universe

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



42424C



545463



47424C



222226



000066



0000E6



# Previews

## White Background



This preview shows how the Hex color 4C4C42 looks on a white background.

## Color Contrast Check

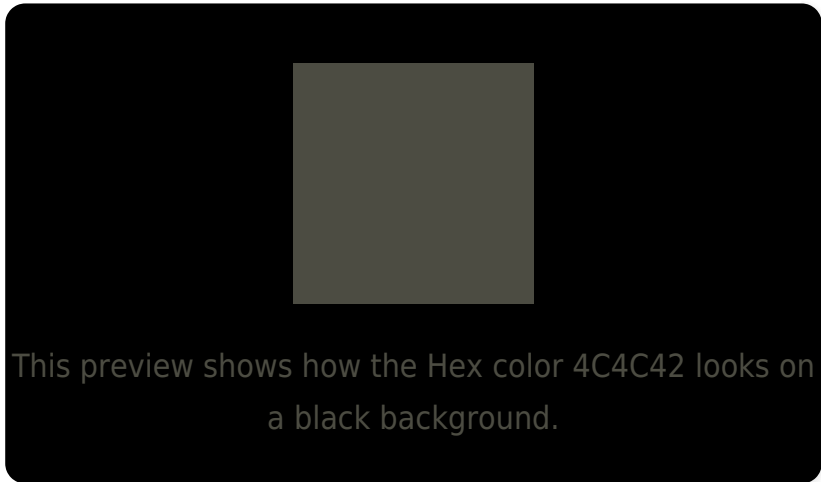
Large Text (above 18pt) WCAG AA ✓ Pass

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

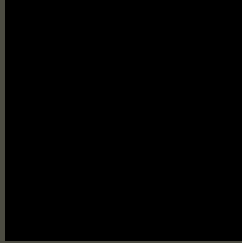
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C4C42 Background



This preview shows how black text looks on a background with the Hex color 4C4C42.

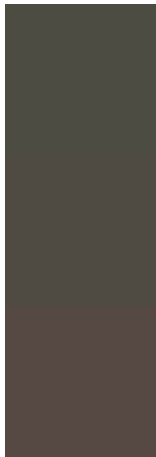


This preview shows how white text looks on a background with the Hex color 4C4C42.

# 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**  
4C4C42

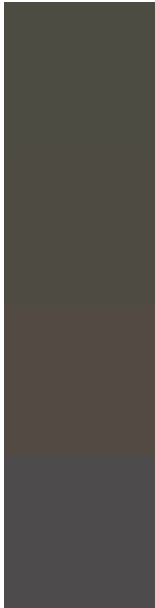
**Protanopia**  
4F4B42

**Deuteranopia**  
564943



**Tritanopia**  
4E4A50

# Trichromacy



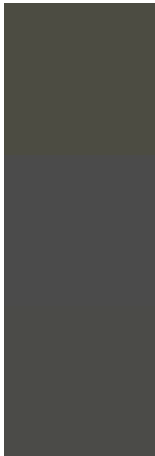
**Original Color**  
4C4C42

**Protanomaly**  
4E4B42

**Deuteranomaly**  
524A43

**Tritanomaly**  
4D4B4B

# Monochromacy



**Original Color**  
4C4C42

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
4B4B48

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C4C42 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 #4C4C42 looks like.

```
.text, #text, p{  
    color:#4C4C42  
}
```

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 #4C4C42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C4C42
}
```

## Border

The CSS property to change the border of an element to Hex 4C4C42 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
#4C4C42 }
```

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

```
.border{ border-color:#4C4C42 }
```

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

Here you see how a box with a 4 pixel #4C4C42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C4C42; -webkit-box-shadow:4px 4px  
4px 4px #4C4C42; box-shadow:4px 4px 4px  
4px #4C4C42 }
```

# Background

The CSS property to change the background color of an element to Hex 4C4C42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C4C42 }
```

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

```
.background{ background-color:#4C4C42 }
```

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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