

# Converting Colors

Hex(4C504B)

Have a look what the booklet for  
Hex(4C504B) contains.

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# Color

Hex(4C504B)

# Conversions

## Conversions Part 1

Format	Color
Hex	4C504B
RGB	76, 80, 75
RGB Percent	30%, 31%, 29%
CMY	0.7020, 0.6863, 0.7059
CMYK	0.05, 0.00, 0.06, 0.69
HSL	108°, 3%, 30%
HSV	108°, 6%, 31%
XYZ	7.1192, 7.7818, 7.7834
YIQ	78.2340, -0.7790, -2.4030

# Conversions

## Conversions Part 2

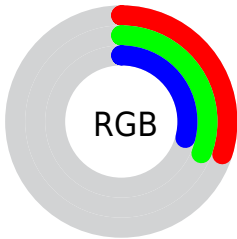
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 80, 79
Decimal	5001291
CIE Lab	33.52, -2.70, 2.38
CIE LCh	34, 3.602, 138.587
Yxy	7.7818, 0.3138, 0.3430
Android (android.graphics.Color)	4283191371 (0xFF4C504B)
YUV	78.2340, -1.5944, -1.9592
Hunter-Lab	27.8959, -3.2639, 2.9842

# Details

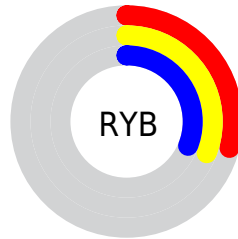
The Hex color **4C504B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4F4B50**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **7D817C**, and **20241F** is the 20% darker color. If you saturate the color by 10%, you get **465043**, and if you desaturate by 10%, it is **525053**.

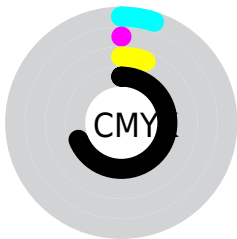
# Distribution



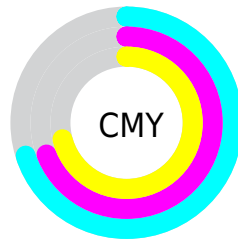
- Red (30%)
- Green (31%)
- Blue (29%)



- Red (29%)
- Yellow (31%)
- Blue (31%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (69%)



- Cyan (70%)
- Magenta (69%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C504B 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 4C504B by changing the saturation by 10% instead.





4C504B



4C504B

FFFFFF



353934



7D817C



20241F



979B95



090E07



B1B6B0



000000



CDD2CC



E9EEE8



4C504B



4C504B



465043



525053



3F503B



59505B

 395033

 5F5063

 32502B

 66506B

 2C5023

 6C5073

 26501B

 72507B

 1F5013

 795083

 19500B

 7F508B

 125003

 865093

# Harmonies

## Analogous

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



4F4F49



4C504B



49504E

# Triad

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



4C504B



4B4F54



554D4D

# Complementary

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



4C504B



4F4B50

# 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.



544D50



4C504B



4E4E54

# Square

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



4C504B



495053



524E53



554D4B

# Rectangle

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



4C504B



485150



524E53



554D4E



# Sweetspot

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



4C504B



676966



504F4B



353634



B5B5B5



363636



# Same Dimension

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



4C504B



626960



4B504D



262925



156900



2EE800



# Inverse Universe

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



4F4B50



676069



504B4F



282529



540069



BA00E8



# Previews

## White Background



This preview shows how the Hex color 4C504B looks on a white background.

## Color Contrast Check

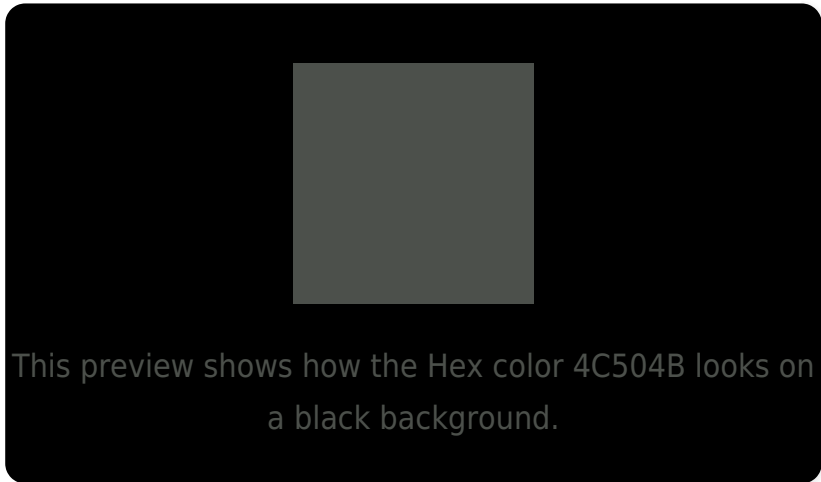
Large Text (above 18pt) WCAG AA ✓ Pass

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

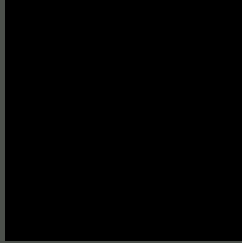
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C504B Background



This preview shows how black text looks on a background with the Hex color 4C504B.



This preview shows how white text looks on a background with the Hex color 4C504B.

# 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](#).

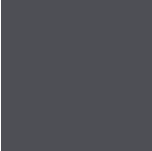
## Dichromacy



**Original Color**  
4C504B

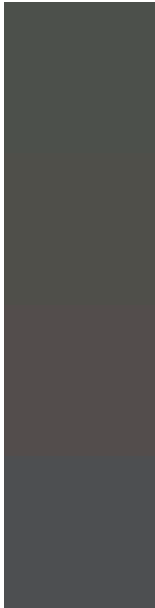
**Protanopia**  
514E4A

**Deuteranopia**  
574C4C



**Tritanopia**  
4E4F55

# Trichromacy



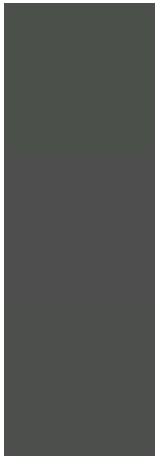
**Original Color**  
4C504B

**Protanomaly**  
4F4F4A

**Deuteranomaly**  
534D4C

**Tritanomaly**  
4D4F51

# Monochromacy



**Original Color**  
4C504B

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
4D4F4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C504B 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 #4C504B looks like.

```
.text, #text, p{  
    color:#4C504B  
}
```

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 #4C504B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C504B
}
```

## Border

The CSS property to change the border of an element to Hex 4C504B is called "border". The border property can be set on classes, ids or directly on the HTML element.

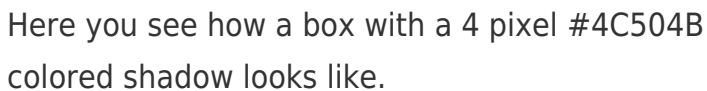
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C504B }
```

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

```
.border{ border-color:#4C504B }
```

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



Here you see how a box with a 4 pixel #4C504B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C504B; -webkit-box-shadow:4px 4px  
4px 4px #4C504B; box-shadow:4px 4px 4px  
4px #4C504B }
```

# Background

The CSS property to change the background color of an element to Hex 4C504B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C504B }
```

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

```
.background{ background-color:#4C504B }
```

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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