

# Converting Colors

Hex(4B514B)

Have a look what the booklet for  
Hex(4B514B) contains.

<b>Hex(4B514B)</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(4B514B)

# Conversions

## Conversions Part 1

Format	Color
Hex	4B514B
RGB	75, 81, 75
RGB Percent	29%, 32%, 29%
CMY	0.7059, 0.6824, 0.7059
CMYK	0.07, 0.00, 0.07, 0.68
HSL	120°, 4%, 31%
HSV	120°, 7%, 32%
XYZ	7.1141, 7.8887, 7.8043
YIQ	78.5220, -1.6500, -3.1380

# Conversions

## Conversions Part 2

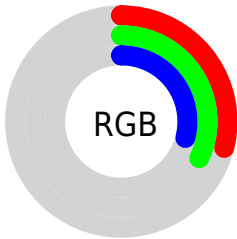
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 81, 81
Decimal	4936011
CIELab	33.75, -3.72, 2.70
CIELCh	34, 4.598, 144.084
Yxy	7.8887, 0.3119, 0.3459
Android (android.graphics.Color)	4283126091 (0xFF4B514B)
YUV	78.5220, -1.7363, -3.0888
Hunter-Lab	28.0869, -3.9400, 3.1862

# Details

The Hex color **4B514B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **514B51**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **7C827C**, and **1F251F** is the 20% darker color. If you saturate the color by 10%, you get **435143**, and if you desaturate by 10%, it is **535153**.

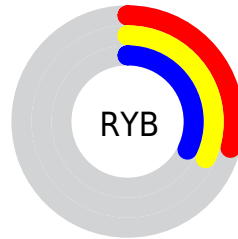
# Distribution



Red (29%)

Green (32%)

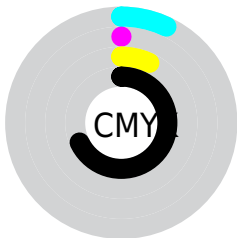
Blue (29%)



Red (29%)

Yellow (32%)

Blue (32%)

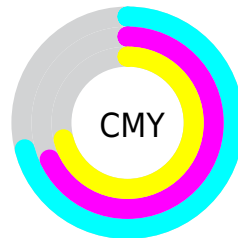


Cyan (7%)

Magenta (0%)

Yellow (7%)

Black (68%)



Cyan (71%)

Magenta (68%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B514B 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 4B514B by changing the saturation by 10% instead.





4B514B



4B514B

FFFFFF



343A34



7C827C



1F251F



969C96



070F07



B0B7B0



000000



CCD3CC



E8EFE8



4B514B



4B514B



435143



535153



3B513B



5B515B

■ 335133

■ 635163

■ 2B512B

■ 6B516B

■ 235123

■ 745174

■ 1A511A

■ 7C517C

■ 125112

■ 845184

■ 0A510A

■ 8C518C

■ 025102

■ 945194

# Harmonies

## Analogous

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



4F5049



4B514B



48524E

# Triad

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



4B514B



4B5056



574D4D

# Complementary

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



4B514B



514B51

# 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.



564D50



4B514B



4F4F56

# Square

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



4B514B



485155



544E54



564E4A

# Rectangle

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



4B514B



475251



544E54



574D4E



# Sweetspot

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



4B514B



666966



51514B



343634



B5B5B5



363636



# Same Dimension

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



4B514B



5F695F



4B514E



252925



006900



00E800



# Inverse Universe

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



514B51



695F69



514B4E



292529



690069

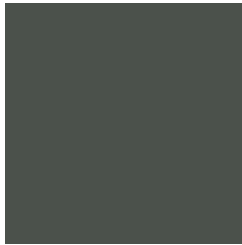


E800E8



# Previews

## White Background



This preview shows how the Hex color 4B514B looks on a white background.

## Color Contrast Check

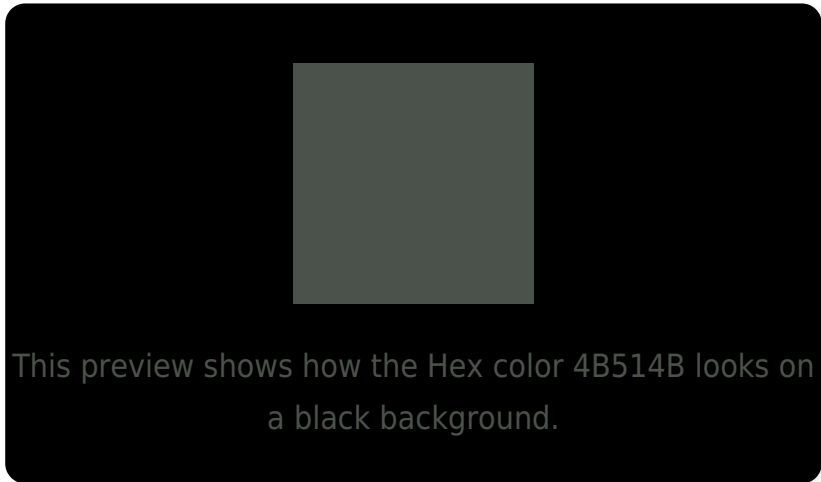
Large Text (above 18pt) WCAG AA ✓ Pass

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

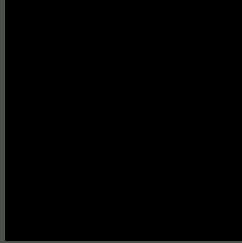
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4B514B Background



This preview shows how black text looks on a background with the Hex color 4B514B.



This preview shows how white text looks on a background with the Hex color 4B514B.

# 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**  
4B514B

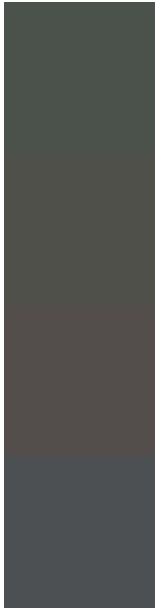
**Protanopia**  
524F4A

**Deuteranopia**  
584D4C



**Tritanopia**  
4D4F56

# Trichromacy



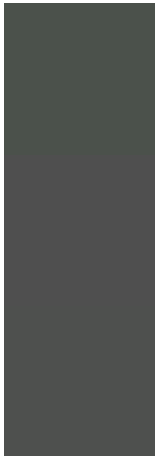
**Original Color**  
4B514B

**Protanomaly**  
4F504A

**Deuteranomaly**  
534E4C

**Tritanomaly**  
4C5052

# Monochromacy



**Original Color**  
4B514B

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
4E504E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B514B 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 #4B514B looks like.

```
.text, #text, p{  
    color:#4B514B  
}
```

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 #4B514B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B514B
}
```

## Border

The CSS property to change the border of an element to Hex 4B514B is called "border". The border property can be set on classes, ids or directly on the HTML element.

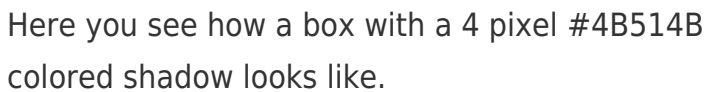
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B514B }
```

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

```
.border{ border-color:#4B514B }
```

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



Here you see how a box with a 4 pixel #4B514B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B514B; -webkit-box-shadow:4px 4px  
4px 4px #4B514B; box-shadow:4px 4px 4px  
4px #4B514B }
```

# Background

The CSS property to change the background color of an element to Hex 4B514B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B514B }
```

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

```
.background{ background-color:#4B514B }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor