

# Converting Colors

Hex(504832)

Have a look what the booklet for  
Hex(504832) contains.

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# Color

**Hex(504832)**

# Conversions

Conversions Part 1	
Format	Color
Hex	504832
RGB	80, 72, 50
RGB Percent	31%, 28%, 20%
CMY	0.6863, 0.7176, 0.8039
CMYK	0.00, 0.10, 0.38, 0.69
HSL	44°, 23%, 25%
HSV	44°, 38%, 31%
XYZ	6.2014, 6.5705, 3.9590
YIQ	71.8840, 11.8300, -5.1460

# Conversions

## Conversions Part 2

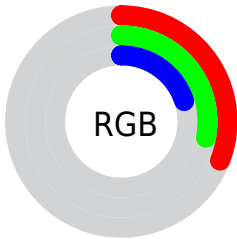
Format	Color
<a href="#">RYB</a>	<a href="#">61, 80, 50</a>
Decimal	<a href="#">5261362</a>
CIELab	<a href="#">30.81, -0.47, 14.45</a>
CIELCh	<a href="#">31, 14.454, 91.870</a>
Yxy	<a href="#">6.5705, 0.3707, 0.3927</a>
Android (android.graphics.Color)	<a href="#">4283451442</a> (0xFF504832)
YUV	<a href="#">71.8840, -10.7888, 7.1177</a>
Hunter-Lab	<a href="#">25.6330, -1.6734, 8.7858</a>

# Details

The Hex color **504832** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **323A50**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **827860**, and **231D04** is the 20% darker color. If you saturate the color by 10%, you get **50462A**, and if you desaturate by 10%, it is **504A3A**.

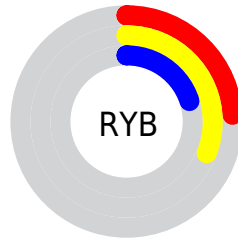
# Distribution



Red (31%)

Green (28%)

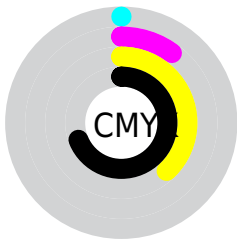
Blue (20%)



Red (24%)

Yellow (31%)

Blue (20%)

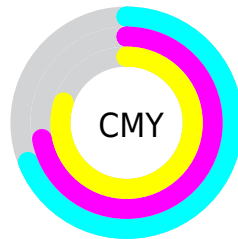


Cyan (0%)

Magenta (10%)

Yellow (38%)

Black (69%)



Cyan (69%)

Magenta (72%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 504832 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 504832 by changing the saturation by 10% instead.



 504832

 504832

FFFFFF

 39321D

 827860

 231D04

 9C9279

 030300

 B7AD93

 000000

 D3C8AE

 EFE4C9

 FFFFE5

 504832

 504832

 50462A

 504A3A

 504422

 504C42

 50421A

 504E4A

 503F12

 505152

 503D0A

 50535A

 503B02

 505562

 503B00

 50576A

 505972

 505B7A

# Harmonies

## Analogous

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



5A4435



504832



444B35

# Triad

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



504832



274E54



584253

# Complementary

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



504832



323A50

# 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.



4B455C



504832



2D4D5C

# Square

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



504832



2B4F49



3B495F



5E4048

# Rectangle

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



504832



3B4D3A



3B495F



544357



# Sweetspot

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



504832



69655D



50323A



36342F



B5B5B5



363636



# Same Dimension

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



504832



695C3A



495032



292825



694D00



E8AA00



# Inverse Universe

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



323A50



3A4669



393250



252629



001C69

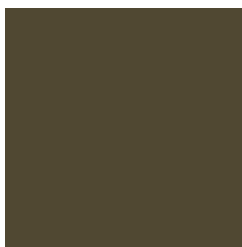


003EE8



# Previews

## White Background



This preview shows how the Hex color 504832 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



This preview shows how the Hex color 504832 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

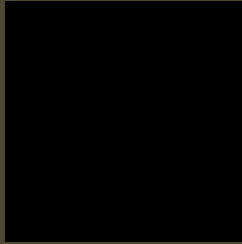
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 504832 Background



This preview shows how black text looks on a background with the Hex color 504832.

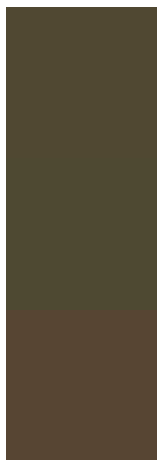


This preview shows how white text looks on a background with the Hex color 504832.

# 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**

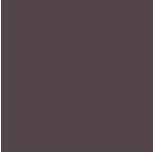
504832

**Protanopia**

4E4932

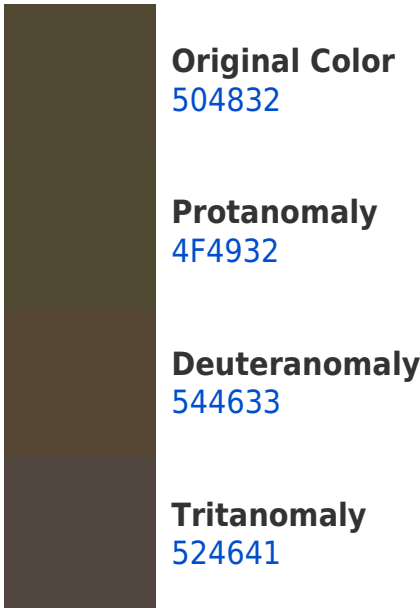
**Deuteranopia**

574533

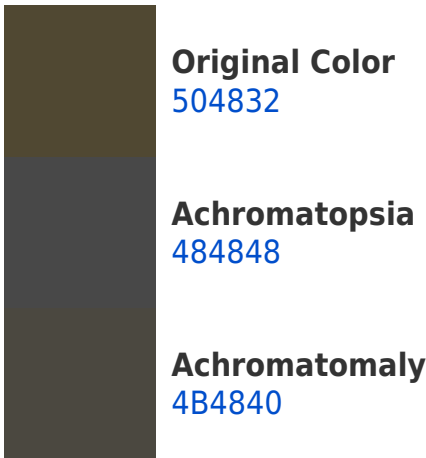


**Tritanopia**  
53454A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 504832 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 #504832 looks like.

```
.text, #text, p{  
    color:#504832  
}
```

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 #504832 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #504832
}
```

## Border

The CSS property to change the border of an element to Hex 504832 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
#504832 }
```

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

```
.border{ border-color:#504832 }
```

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

Here you see how a box with a 4 pixel #504832 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #504832; -webkit-box-shadow:4px 4px  
4px 4px #504832; box-shadow:4px 4px 4px  
4px #504832 }
```

# Background

The CSS property to change the background color of an element to Hex 504832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#504832 }
```

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

```
.background{ background-color:#504832 }
```

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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