

# Converting Colors

Hex(504737)

Have a look what the booklet for  
Hex(504737) contains.

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# Color

**Hex(504737)**

# Conversions

## Conversions Part 1

Format	Color
Hex	504737
RGB	80, 71, 55
RGB Percent	31%, 28%, 22%
CMY	0.6863, 0.7216, 0.7843
CMYK	0.00, 0.11, 0.31, 0.69
HSL	38°, 19%, 26%
HSV	38°, 31%, 31%
XYZ	6.2511, 6.4878, 4.5372
YIQ	71.8670, 10.5000, -3.0680

# Conversions

## Conversions Part 2

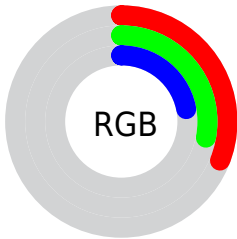
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 80, 55
Decimal	5261111
CIELab	30.61, 0.92, 11.03
CIELCh	31, 11.064, 85.255
Yxy	6.4878, 0.3618, 0.3755
Android (android.graphics.Color)	4283451191 (0xFF504737)
YUV	71.8670, -8.3154, 7.1326
Hunter-Lab	25.4711, -0.7672, 7.2683

# Details

The Hex color **504737** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **374050**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **827766**, and **231C0C** is the 20% darker color. If you saturate the color by 10%, you get **50442F**, and if you desaturate by 10%, it is **504A3F**.

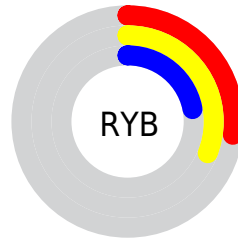
# Distribution



Red (31%)

Green (28%)

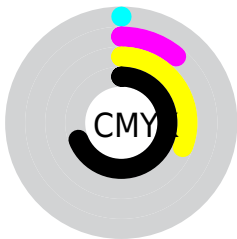
Blue (22%)



Red (27%)

Yellow (31%)

Blue (22%)

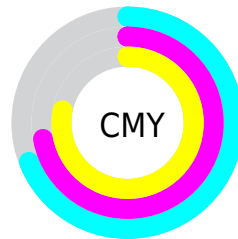


Cyan (0%)

Magenta (11%)

Yellow (31%)

Black (69%)



Cyan (69%)

Magenta (72%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 504737 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 504737 by changing the saturation by 10% instead.



■ 504737

■ 504737

FFFFFF

■ 393122

■ 827766

■ 231C0C

■ 9C917F

■ 060100

■ B7AB99

■ 000000

■ D2C7B4

■ EFE3CF

■ FFFFEB

■ 504737

■ 504737

■ 50442F

■ 504A3F

■ 504127

■ 504D47

■ 503E1F

■ 50504F

■ 503B17

■ 505357

■ 50390F

■ 50555F

■ 503607

■ 505867

■ 503300

■ 505B6F

■ 505E77

■ 50617F

# Harmonies

## Analogous

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



57443A



504737



474A38

# Triad

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



504737



304D4F



524452

# Complementary

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



504737



374050

# 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.



484658



504737



334C56

# Square

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



504737



344D46



3C4959



58424A

# Rectangle

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



504737



404B3C



3C4959



4F4454



# Sweetspot

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



504737



69655F



503740



363330



B5B5B5



363636



# Same Dimension

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



504737



695A41



4D5037



292725



694300



E89500



# Inverse Universe

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



374050



414F69



3A3750



252629



002669

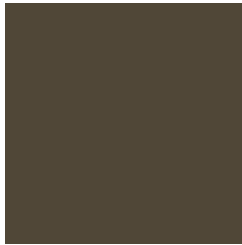


0054E8



# Previews

## White Background



This preview shows how the Hex color 504737 looks on a white background.

## Color Contrast Check

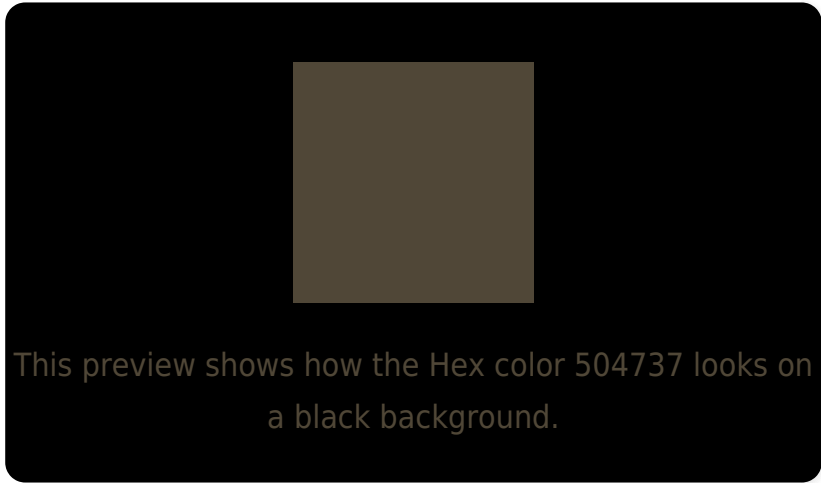
Large Text (above 18pt) WCAG AA ✓ Pass

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

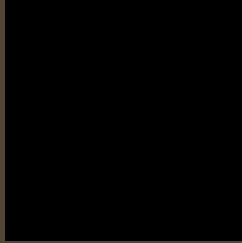
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 504737 Background



This preview shows how black text looks on a background with the Hex color 504737.

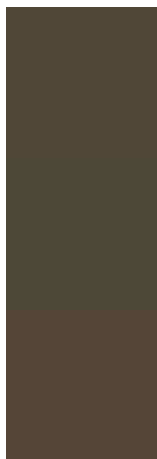


This preview shows how white text looks on a background with the Hex color 504737.

# 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**

504737

**Protanopia**

4D4837

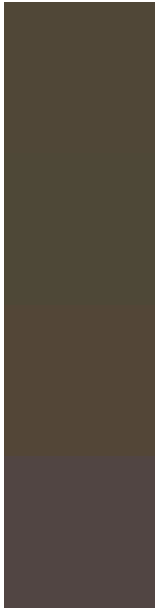
**Deuteranopia**

554537



**Tritanopia**  
52444A

# Trichromacy



**Original Color**  
504737

**Protanomaly**  
4E4837

**Deuteranomaly**  
534637

**Tritanomaly**  
514543

# Monochromacy



**Original Color**  
504737

**Achromatopsia**  
484848

**Achromatomaly**  
4B4842

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 504737 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 #504737 looks like.

```
.text, #text, p{  
    color:#504737  
}
```

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 #504737 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #504737
}
```

## Border

The CSS property to change the border of an element to Hex 504737 is called "border". The border property can be set on classes, ids or directly on the HTML element.

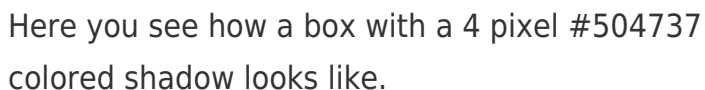
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#504737 }
```

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

```
.border{ border-color:#504737 }
```

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



Here you see how a box with a 4 pixel #504737 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #504737; -webkit-box-shadow:4px 4px  
4px 4px #504737; box-shadow:4px 4px 4px  
4px #504737 }
```

# Background

The CSS property to change the background color of an element to Hex 504737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#504737 }
```

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

```
.background{ background-color:#504737 }
```

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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