

# Converting Colors

Hex(544724)

Have a look what the booklet for  
Hex(544724) contains.

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**Color**

**Hex(544724)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	544724
RGB	84, 71, 36
RGB Percent	33%, 28%, 14%
CMY	0.6706, 0.7216, 0.8588
CMYK	0.00, 0.15, 0.57, 0.67
HSL	44°, 40%, 24%
HSV	44°, 57%, 33%
XYZ	6.2278, 6.5187, 2.5991
YIQ	70.8970, 18.9830, -8.1290

# Conversions

## Conversions Part 2

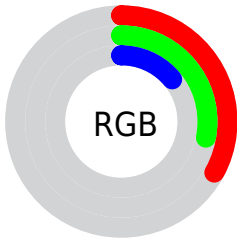
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 84, 36
Decimal	5523236
CIELab	30.69, 0.35, 22.91
CIELCh	31, 22.908, 89.134
Yxy	6.5187, 0.4058, 0.4248
Android (android.graphics.Color)	4283713316 (0xFF544724)
YUV	70.8970, -17.2042, 11.4913
Hunter-Lab	25.5317, -1.1397, 11.8366

# Details

The Hex color **544724** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **243154**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **877752**, and **261C00** is the 20% darker color. If you saturate the color by 10%, you get **54451C**, and if you desaturate by 10%, it is **54492C**.

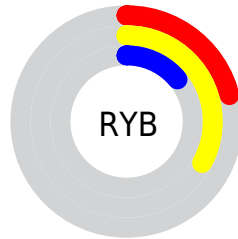
# Distribution



Red (33%)

Green (28%)

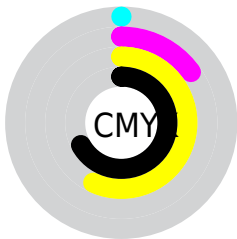
Blue (14%)



Red (21%)

Yellow (33%)

Blue (14%)

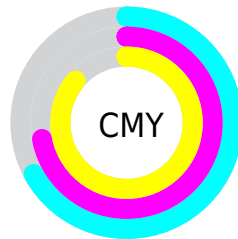


Cyan (0%)

Magenta (15%)

Yellow (57%)

Black (67%)



Cyan (67%)

Magenta (72%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 544724 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 544724 by changing the saturation by 10% instead.



■ 544724

■ 544724

FFFFFF

■ 3C310F

■ 877752

■ 261C00

■ A2916A

■ 050200

■ BDAB83

■ 000000

■ D9C79E

■ F6E3B9

■ FFFFD4

■ FFFFF1

■ 544724

■ 544724

■ 54451C

■ 54492C

■ 544213

■ 544C35

■ 54400B

■ 544E3D

■ 543E02

■ 545046

■ 543D00

■ 54524E

■ 545556

■ 54575F

■ 545967

■ 545B70

# Harmonies

## Analogous

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



62412A



544724



424C28

# Triad

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



544724



005159



5E3D5B

# Complementary

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



544724



243154

# 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.



494467



544724



004F66

# Square

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



544724



0F5247



2B4A6C



693A49

# Rectangle

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



544724



344F30



2B4A6C



583F60



# Sweetspot

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



544724



6E695B



542432



38352D



B8B8B8



383838



# Same Dimension

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



544724



6E5922



4A5424



292825



694C00



E8A900



# Inverse Universe

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



243154



22366E



2E2454



252629



001C69



003FE8



# Previews

## White Background



This preview shows how the Hex color 544724 looks on a white background.

## Color Contrast Check

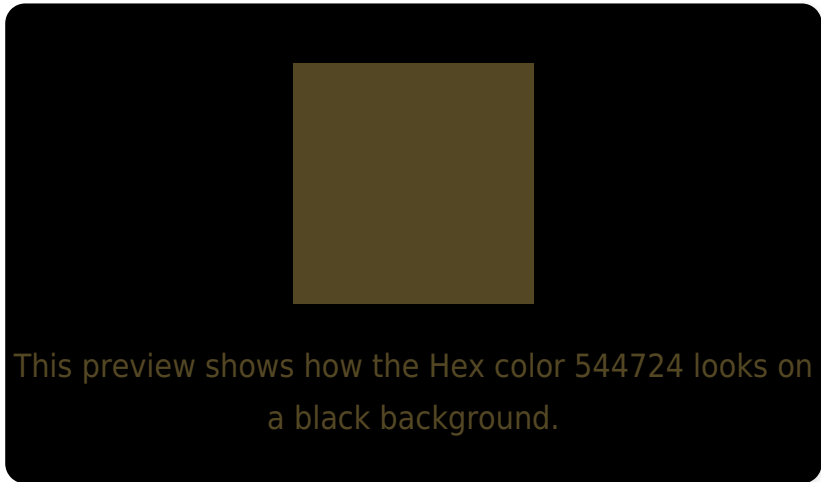
Large Text (above 18pt) WCAG AA ✓ Pass

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

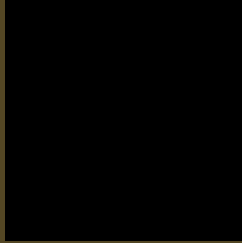
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 544724 Background



This preview shows how black text looks on a background with the Hex color 544724.

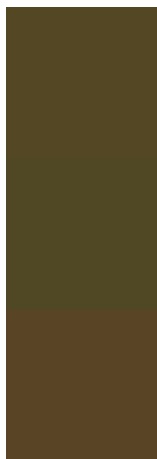


This preview shows how white text looks on a background with the Hex color 544724.

# 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**

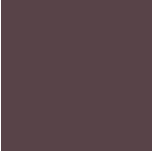
544724

**Protanopia**

504824

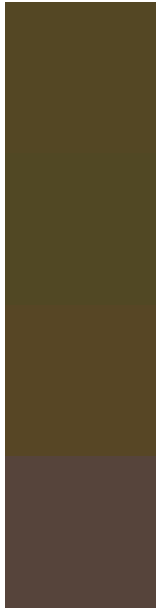
**Deuteranopia**

594525



**Tritanopia**  
574348

# Trichromacy



**Original Color**

544724

**Protanomaly**

514824

**Deuteranomaly**

574625

**Tritanomaly**

56443B

# Monochromacy



**Original Color**

544724

**Achromatopsia**

474747

**Achromatomaly**

4C473A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 544724 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 #544724 looks like.

```
.text, #text, p{  
    color:#544724  
}
```

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 #544724 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #544724
}
```

## Border

The CSS property to change the border of an element to Hex 544724 is called "border". The border property can be set on classes, ids or directly on the HTML element.

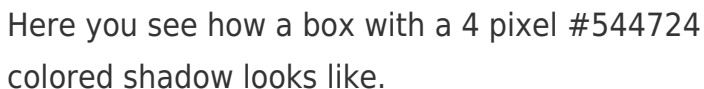
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#544724 }
```

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

```
.border{ border-color:#544724 }
```

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



Here you see how a box with a 4 pixel #544724 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #544724; -webkit-box-shadow:4px 4px  
4px 4px #544724; box-shadow:4px 4px 4px  
4px #544724 }
```

# Background

The CSS property to change the background color of an element to Hex 544724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#544724 }
```

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

```
.background{ background-color:#544724 }
```

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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