

# Converting Colors

Hex(545747)

Have a look what the booklet for  
Hex(545747) contains.

<b>Hex(545747)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(545747)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	545747
RGB	84, 87, 71
RGB Percent	33%, 34%, 28%
CMY	0.6706, 0.6588, 0.7216
CMYK	0.03, 0.00, 0.18, 0.66
HSL	71°, 10%, 31%
HSV	71°, 18%, 34%
XYZ	8.2017, 9.1561, 7.2963
YIQ	84.2790, 3.3480, -5.6120

# Conversions

## Conversions Part 2

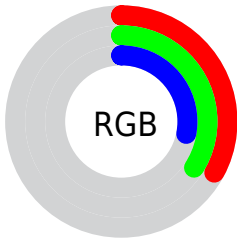
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 87, 74
Decimal	5527367
CIE <sub>Lab</sub>	36.28, -4.41, 8.91
CIE <sub>LCh</sub>	36, 9.940, 116.337
Yxy	9.1561, 0.3327, 0.3714
Android (android.graphics.Color)	4283717447 (0xFF545747)
YUV	84.2790, -6.5465, -0.2447
Hunter-Lab	30.2591, -4.5713, 6.8850

# Details

The Hex color **545747** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4A4757**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **868977**, and **272A1C** is the 20% darker color. If you saturate the color by 10%, you get **52573E**, and if you desaturate by 10%, it is **565750**.

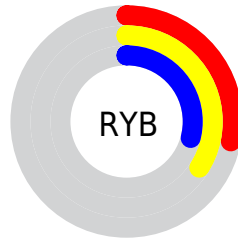
# Distribution



Red (33%)

Green (34%)

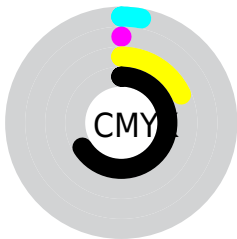
Blue (28%)



Red (28%)

Yellow (34%)

Blue (29%)

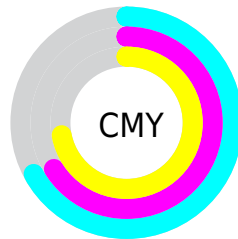


Cyan (3%)

Magenta (0%)

Yellow (18%)

Black (66%)



Cyan (67%)

Magenta (66%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 545747 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 545747 by changing the saturation by 10% instead.



■ 545747

■ 545747

FFFFFF

■ 3D4031

■ 868977

■ 272A1C

■ A0A391

■ 131501

■ BBBEAC

■ 000000

■ D7DAC7

■ F3F6E3

■ 545747

■ 545747

■ 52573E

■ 565750

■ 515736

■ 575758

■ 4F572D

■ 595761

■ 4D5724

■ 5B576A

■ 4C571C

■ 5C5773

■ 4A5713

■ 5E577B

■ 49570A

■ 5F5784

■ 475701

■ 61578D

■ 475700

■ 635795

# Harmonies

## Analogous

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



5D5446



545747



4B594C

# Triad

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



545747



435962



655057

# Complementary

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



545747



4A4757

# 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.



5F515E



545747



4B5665

# Square

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



545747



405A5C



565464



66504F

# Rectangle

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



545747



465A51



565464



635059



# Sweetspot

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



545747



6F7069



574A47



373834



B8B8B8



383838



# Same Dimension

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



545747



6C7058



4C5747



2B2B27



576B00



BFEB00



# Inverse Universe

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



4A4757



5C5870



524757



28272B



14006B



2C00EB



# Previews

## White Background



This preview shows how the Hex color 545747 looks on a white background.

## Color Contrast Check

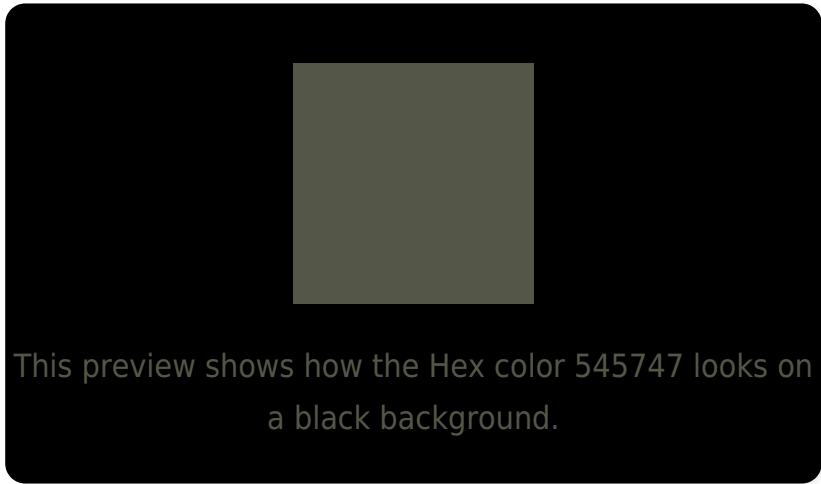
Large Text (above 18pt) WCAG AA ✓ Pass

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

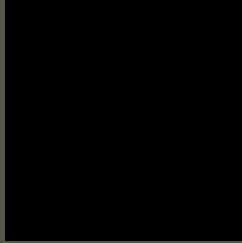
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 545747 Background



This preview shows how black text looks on a background with the Hex color 545747.

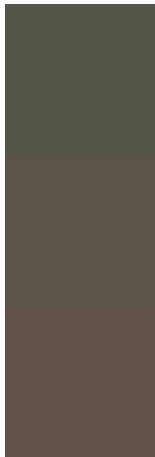


This preview shows how white text looks on a background with the Hex color 545747.

# 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**  
545747

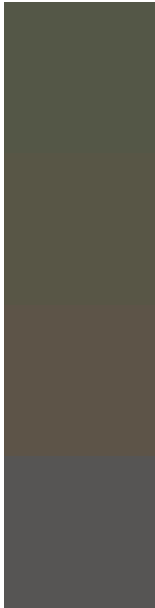
**Protanopia**  
5A5546

**Deuteranopia**  
625248



**Tritanopia**  
57545B

# Trichromacy



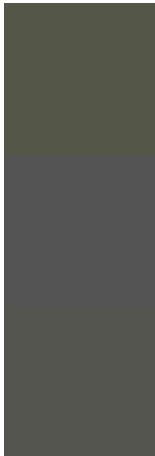
**Original Color**  
545747

**Protanomaly**  
585646

**Deuteranomaly**  
5D5448

**Tritanomaly**  
565554

# Monochromacy



**Original Color**  
545747

**Achromatopsia**  
545454

**Achromatomaly**  
54554F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 545747 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 #545747 looks like.

```
.text, #text, p{  
  color:#545747  
}
```

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 #545747 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #545747
}
```

## Border

The CSS property to change the border of an element to Hex 545747 is called "border". The border property can be set on classes, ids or directly on the HTML element.

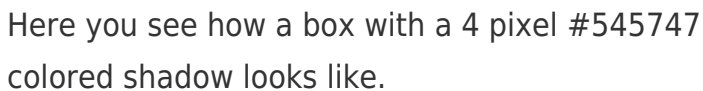
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#545747 }
```

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

```
.border{ border-color:#545747 }
```

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



Here you see how a box with a 4 pixel #545747 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #545747; -webkit-box-shadow:4px 4px  
4px 4px #545747; box-shadow:4px 4px 4px  
4px #545747 }
```

# Background

The CSS property to change the background color of an element to Hex 545747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#545747 }
```

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

```
.background{ background-color:#545747 }
```

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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