

# Converting Colors

Hex(545A47)

Have a look what the booklet for  
Hex(545A47) contains.

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# Color

Hex(545A47)

# Conversions

## Conversions Part 1

Format	Color
Hex	545A47
RGB	84, 90, 71
RGB Percent	33%, 35%, 28%
CMY	0.6706, 0.6471, 0.7216
CMYK	0.07, 0.00, 0.21, 0.65
HSL	79°, 12%, 32%
HSV	79°, 21%, 35%
XYZ	8.4497, 9.6521, 7.3789
YIQ	86.0400, 2.5230, -7.1810

# Conversions

## Conversions Part 2

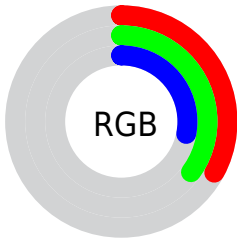
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 90, 77
Decimal	5528135
CIELab	37.21, -6.20, 10.20
CIElCh	37, 11.939, 121.300
Yxy	9.6521, 0.3316, 0.3788
Android (android.graphics.Color)	4283718215 (0xFF545A47)
YUV	86.0400, -7.4147, -1.7891
Hunter-Lab	31.0678, -5.8212, 7.6655

# Details

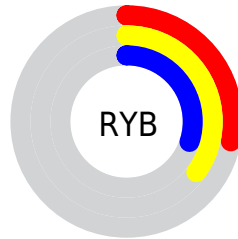
The Hex color **545A47** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4D475A**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **868C77**, and **272C1C** is the 20% darker color. If you saturate the color by 10%, you get **515A3E**, and if you desaturate by 10%, it is **575A50**.

# Distribution



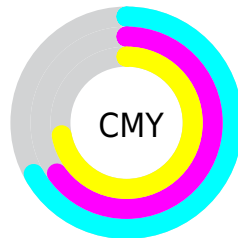
- Red (33%)
- Green (35%)
- Blue (28%)



- Red (28%)
- Yellow (35%)
- Blue (30%)



- Cyan (7%)
- Magenta (0%)
- Yellow (21%)
- Black (65%)



- Cyan (67%)
- Magenta (65%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 545A47 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 545A47 by changing the saturation by 10% instead.





545A47



545A47

FFFFFF



3D4331



868C77



272C1C



A0A691



131801



BBC2AC



000000



D7DDC7



F3FAE3



545A47



545A47



515A3E



575A50



4E5A35



5A5A59

■ 4B5A2C

■ 5D5A62

■ 495A23

■ 5F5A6B

■ 465A1A

■ 625A74

■ 435A11

■ 655A7D

■ 405A08

■ 685A86

■ 3E5A00

■ 6B5A8F

■ 6E5A98

# Harmonies

## Analogous

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



5F5744



545A47



495C4E

# Triad

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



545A47



425B68



6B5157

# Complementary

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



545A47



4D475A

# 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.



645261



545A47



4D586B

# Square

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



545A47



3D5D61



5A5568



6B514E

# Rectangle

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



545A47



435D54



5A5568



69515B



# Sweetspot

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



545A47



73756E



5A4D47



393B37



BABABA



3B3B3B



# Same Dimension

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



545A47



6C7558



4B5A47



2C2E29



4B6E00



A2ED00



# Inverse Universe

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



4D475A



615875



56475A



2B292E



23006E



4B00ED



# Previews

## White Background



This preview shows how the Hex color 545A47 looks on a white background.

## Color Contrast Check

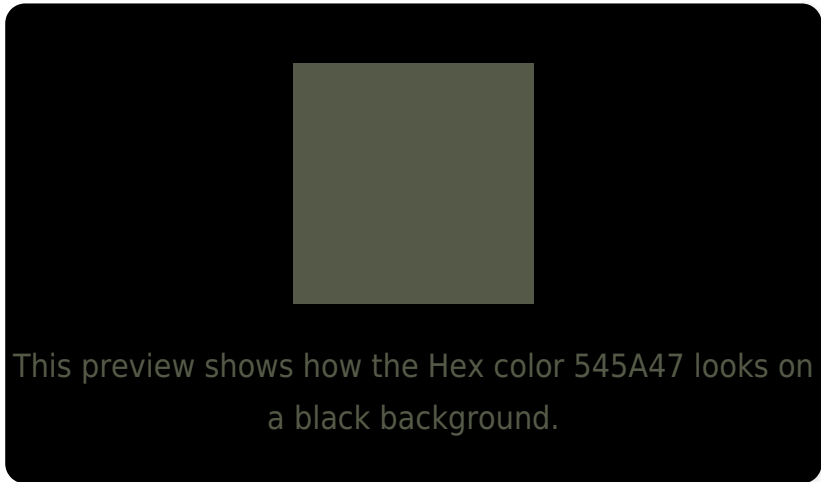
Large Text (above 18pt) WCAG AA ✓ Pass

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

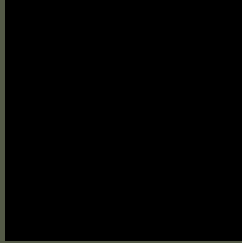
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

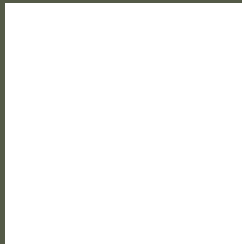
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 545A47 Background



This preview shows how black text looks on a background with the Hex color 545A47.

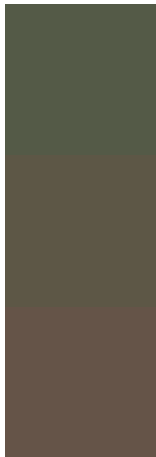


This preview shows how white text looks on a background with the Hex color 545A47.

# 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



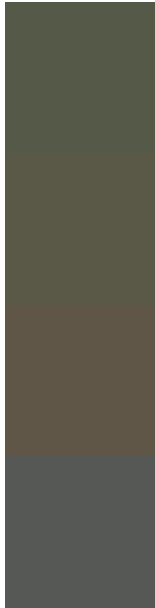
**Original Color**  
545A47

**Protanopia**  
5D5746

**Deuteranopia**  
655448



# Trichromacy



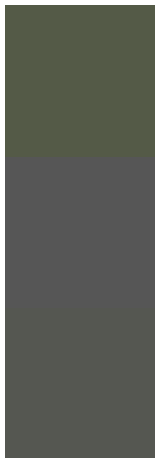
**Original Color**  
545A47

**Protanomaly**  
5A5846

**Deuteranomaly**  
5F5648

**Tritanomaly**  
565856

# Monochromacy



**Original Color**  
545A47

**Achromatopsia**  
565656

**Achromatomaly**  
555751

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 545A47 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 #545A47 looks like.

```
.text, #text, p{  
    color:#545A47  
}
```

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 #545A47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #545A47
}
```

## Border

The CSS property to change the border of an element to Hex 545A47 is called "border". The border property can be set on classes, ids or directly on the HTML element.

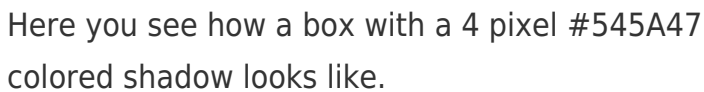
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#545A47 }
```

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

```
.border{ border-color:#545A47 }
```

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



Here you see how a box with a 4 pixel #545A47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #545A47; -webkit-box-shadow:4px 4px  
4px 4px #545A47; box-shadow:4px 4px 4px  
4px #545A47 }
```

# Background

The CSS property to change the background color of an element to Hex 545A47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#545A47 }
```

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

```
.background{ background-color:#545A47 }
```

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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