

Converting Colors

Hex(545F47)

Have a look what the booklet for
Hex(545F47) contains.

Hex(545F47)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(545F47)

Conversions

Conversions Part 1

Format	Color
Hex	545F47
RGB	84, 95, 71
RGB Percent	33%, 37%, 28%
CMY	0.6706, 0.6275, 0.7216
CMYK	0.12, 0.00, 0.25, 0.63
HSL	88°, 14%, 33%
HSV	88°, 25%, 37%
XYZ	8.8857, 10.5242, 7.5243
YIQ	88.9750, 1.1480, -9.7960

Conversions

Conversions Part 2

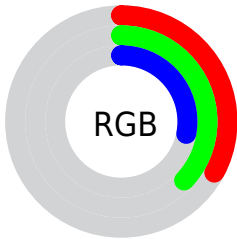
Format	Color
R_{YB}	71, 95, 82
Decimal	5529415
CIE _{Lab}	38.77, -9.14, 12.35
CIE _{LCh}	39, 15.366, 126.490
Yxy	10.5242, 0.3299, 0.3907
Android (android.graphics.Color)	4283719495 (0xFF545F47)
YUV	88.9750, -8.8617, -4.3631
Hunter-Lab	32.4410, -7.8799, 8.9571

Details

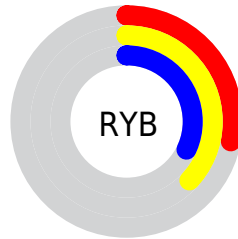
The Hex color **545F47** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **52475F**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **869178**, and **27311B** is the 20% darker color. If you saturate the color by 10%, you get **505F3E**, and if you desaturate by 10%, it is **585F51**.

Distribution



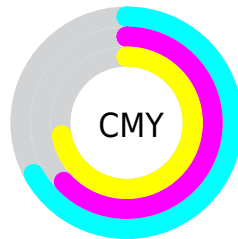
- Red (33%)
- Green (37%)
- Blue (28%)



- Red (28%)
- Yellow (37%)
- Blue (32%)



- Cyan (12%)
- Magenta (0%)
- Yellow (25%)
- Black (63%)



- Cyan (67%)
- Magenta (63%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 545F47 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 545F47 by changing the saturation by 10% instead.

■ 545F47

■ 545F47

FFFFFF

■ 3D4730

■ 869178

■ 27311B

■ A0AC91

■ 131C01

■ BBC7AC

■ 000000

■ D7E3C7

■ F3FFE3

■ 545F47

■ 545F47

■ 505F3E

■ 585F51

■ 4B5F34

■ 5D5F5A

■ 475F2B

■ 615F64

■ 435F21

■ 655F6D

■ 3E5F17

■ 6A5F77

■ 3A5F0E

■ 6E5F80

■ 365F04

■ 725F8A

■ 335F00

■ 775F93

■ 7B5F9D

Harmonies

Analogous

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



625B43



545F47



466151

Triad

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



545F47



405F72



745259

Complementary

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



545F47



52475F

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.



6E5465



545F47



505B74

Square

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



545F47



37626A



61576F



74544D

Rectangle

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



545F47



3E6259



61576F



73525D

Sweetspot

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



545F47



767A71



5F5247



3A3D37



BDBDBD



3D3D3D

Same Dimension

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



545F47



6A7A56



485F47



2E302C



3D7000



82F000

Inverse Universe

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



52475F



67567A



5E475F



2E2C30



330070



6E00F0

Previews

White Background



This preview shows how the Hex color 545F47 looks on a white background.

Color Contrast Check

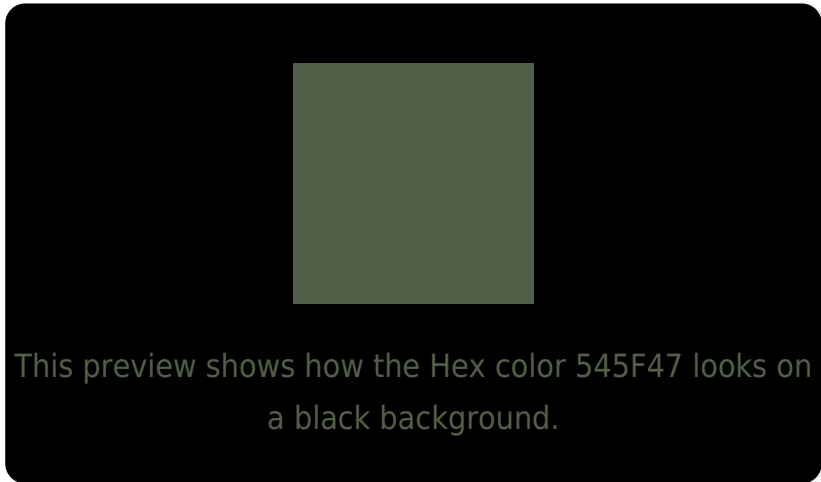
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

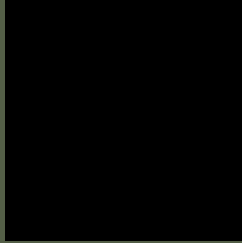
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

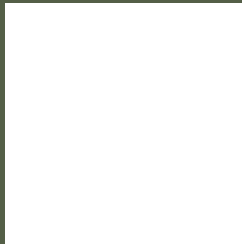
Any Text WCAG AAA × Fail

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

Hex 545F47 Background



This preview shows how black text looks on a background with the Hex color 545F47.



This preview shows how white text looks on a background with the Hex color 545F47.

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
545F47

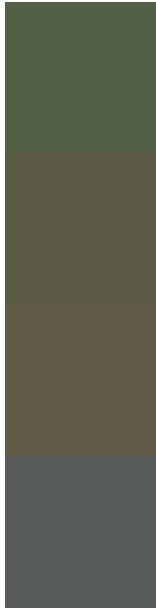
Protanopia
615B45

Deuteranopia
6A5849



Tritanopia
585B63

Trichromacy



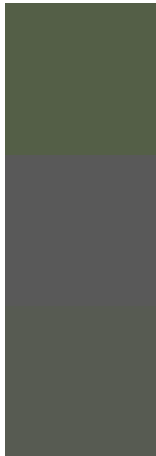
Original Color
545F47

Protanomaly
5C5C46

Deuteranomaly
625B48

Tritanomaly
575C59

Monochromacy



Original Color
545F47

Achromatopsia
595959

Achromatomaly
575B52

CSS Examples

Text

The CSS property to change the color of the text to Hex 545F47 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 #545F47 looks like.

```
.text, #text, p{  
    color:#545F47  
}
```

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 #545F47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #545F47
}
```

Border

The CSS property to change the border of an element to Hex 545F47 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
#545F47 }
```

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

```
.border{ border-color:#545F47 }
```

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

Here you see how a box with a 4 pixel #545F47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #545F47; -webkit-box-shadow:4px 4px  
4px 4px #545F47; box-shadow:4px 4px 4px  
4px #545F47 }
```

Background

The CSS property to change the background color of an element to Hex 545F47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#545F47 }
```

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

```
.background{ background-color:#545F47 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor