

# Converting Colors

Hex(546F3C)

Have a look what the booklet for  
Hex(546F3C) contains.

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**Color**

**Hex(546F3C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	546F3C
RGB	84, 111, 60
RGB Percent	33%, 44%, 24%
CMY	0.6706, 0.5647, 0.7647
CMYK	0.24, 0.00, 0.46, 0.56
HSL	92°, 30%, 34%
HSV	92°, 46%, 44%
XYZ	10.1562, 13.5799, 6.3609
YIQ	97.1130, 0.2790, -21.5850

# Conversions

## Conversions Part 2

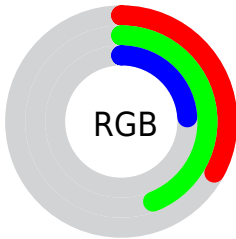
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 111, 87
Decimal	5533500
CIELab	43.62, -19.74, 25.20
CIELCh	44, 32.006, 128.071
Yxy	13.5799, 0.3374, 0.4512
Android (android.graphics.Color)	4283723580 (0xFF546F3C)
YUV	97.1130, -18.2967, -11.5001
Hunter-Lab	36.8510, -15.2942, 15.5616

# Details

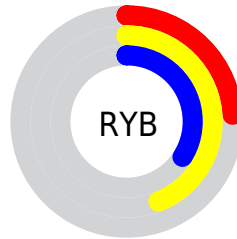
The Hex color **546F3C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **573C6F**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **87A36C**, and **253F0F** is the 20% darker color. If you saturate the color by 10%, you get **4E6F31**, and if you desaturate by 10%, it is **5A6F47**.

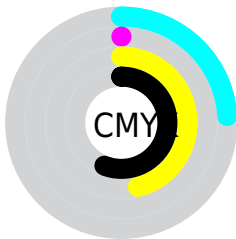
# Distribution



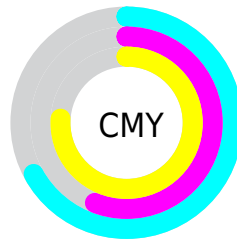
- Red (33%)
- Green (44%)
- Blue (24%)



- Red (24%)
- Yellow (44%)
- Blue (34%)



- Cyan (24%)
- Magenta (0%)
- Yellow (46%)
- Black (56%)



- Cyan (67%)
- Magenta (56%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 546F3C 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 546F3C by changing the saturation by 10% instead.





546F3C



546F3C

FFFFFF



3C5625



87A36C



253F0F



A1BE86



112900



BDDAA0



001500



D9F6BB



000000



F5FFD7



FFFFFF4



546F3C



546F3C



4E6F31



5A6F47

■ 486F26

■ 606F52

■ 426F1B

■ 666F5D

■ 3C6F10

■ 6C6F68

■ 376F04

■ 716F74

■ 346F00

■ 776F7F

■ 7D6F8A

■ 836F95

■ 896FA0

# Harmonies

## Analogous

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



706831



546F3C



307352

# Triad

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



546F3C



006F98



995161

# Complementary

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



546F3C



573C6F

# 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.



8E547B



546F3C



49679B

# Square

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



546F3C



007487



735D91



965648

# Rectangle

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



546F3C



027564



735D91



97516A



# Sweetspot

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



546F3C



87917D



6F563C



434A3D



C9C9C9



4A4A4A



# Same Dimension

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



546F3C



679141



3C6F3D



353832



387800



74F700



# Inverse Universe

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



573C6F



6C4191



6F3C6E



353238



3F0078



8300F7



# Previews

## White Background



This preview shows how the Hex color 546F3C looks on a white background.

## Color Contrast Check

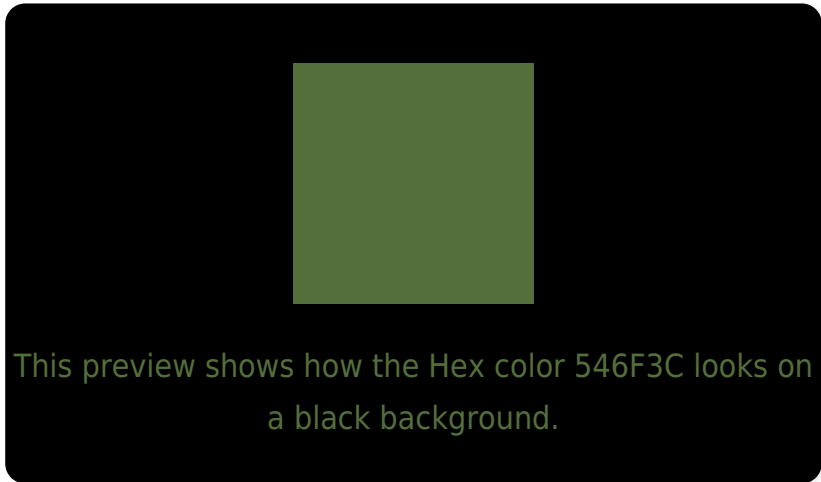
Large Text (above 18pt) WCAG AA ✓ Pass

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

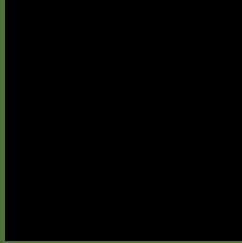
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 546F3C Background



This preview shows how black text looks on a background with the Hex color 546F3C.



This preview shows how white text looks on a background with the Hex color 546F3C.

# 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](#).

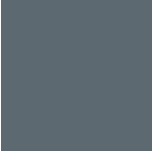
## Dichromacy



**Original Color**  
546F3C

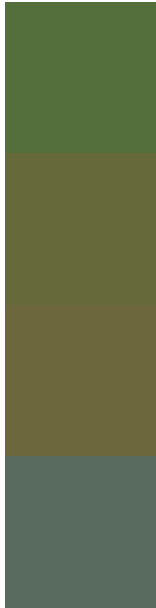
**Protanopia**  
716739

**Deuteranopia**  
7C623F



**Tritanopia**  
5C6971

# Trichromacy



**Original Color**  
546F3C

**Protanomaly**  
666A3A

**Deuteranomaly**  
6D673E

**Tritanomaly**  
596B5E

# Monochromacy



**Original Color**  
546F3C

**Achromatopsia**  
616161

**Achromatomaly**  
5C6654

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 546F3C 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 #546F3C looks like.

```
.text, #text, p{  
    color:#546F3C  
}
```

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 #546F3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #546F3C
}
```

## Border

The CSS property to change the border of an element to Hex 546F3C 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
#546F3C }
```

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

```
.border{ border-color:#546F3C }
```

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

Here you see how a box with a 4 pixel #546F3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #546F3C; -webkit-box-shadow:4px 4px  
4px 4px #546F3C; box-shadow:4px 4px 4px  
4px #546F3C }
```

# Background

The CSS property to change the background color of an element to Hex 546F3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#546F3C }
```

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

```
.background{ background-color:#546F3C }
```

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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