

# Converting Colors

Hex(584F3C)

Have a look what the booklet for  
Hex(584F3C) contains.

<b>Hex(584F3C)</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(584F3C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	584F3C
RGB	88, 79, 60
RGB Percent	35%, 31%, 24%
CMY	0.6549, 0.6902, 0.7647
CMYK	0.00, 0.10, 0.32, 0.65
HSL	41°, 19%, 29%
HSV	41°, 32%, 35%
XYZ	7.6361, 7.9929, 5.4153
YIQ	79.5250, 11.4630, -4.0010

# Conversions

## Conversions Part 2

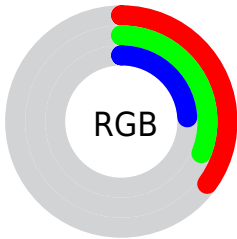
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 88, 60
Decimal	5787452
CIELab	33.97, 0.37, 12.60
CIELCh	34, 12.607, 88.325
Yxy	7.9929, 0.3629, 0.3798
Android (android.graphics.Color)	4283977532 (0xFF584F3C)
YUV	79.5250, -9.6258, 7.4326
Hunter-Lab	28.2717, -1.2634, 8.4336

# Details

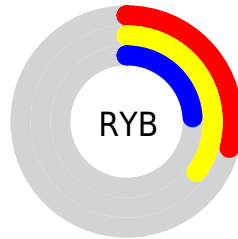
The Hex color **584F3C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **3C4558**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **8A806B**, and **2A2312** is the 20% darker color. If you saturate the color by 10%, you get **584C33**, and if you desaturate by 10%, it is **585245**.

# Distribution



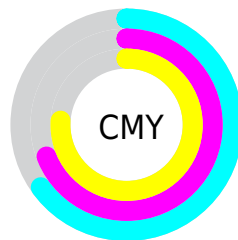
- Red (35%)
- Green (31%)
- Blue (24%)



- Red (29%)
- Yellow (35%)
- Blue (24%)



- Cyan (0%)
- Magenta (10%)
- Yellow (32%)
- Black (65%)



- Cyan (65%)
- Magenta (69%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 584F3C 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 584F3C by changing the saturation by 10% instead.



 584F3C

 584F3C

FFFFFF

 403826

 8A806B

 2A2312

 A59A85

 140D00

 C0B59F

 000000

 DCD0BA

 F9EDD6

 FFFFF2

 584F3C

 584F3C

 584C33

 585245

■ 58492A

■ 58554E

■ 584722

■ 585756

■ 584419

■ 585A5F

■ 584110

■ 585D68

■ 583E07

■ 586071

■ 583C00

■ 58637A

■ 586682

■ 58688B

# Harmonies

## Analogous

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



604C3F



584F3C



4D523E

# Triad

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



584F3C



345559



5C4A5B

# Complementary

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



584F3C



3C4558

# 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.



514E61



584F3C



385461

# Square

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



584F3C



38564F



435164



634951

# Rectangle

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



584F3C



465442



435164



594B5D



# Sweetspot

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



584F3C



736F67



583C45



3B3834



BABABA



3B3B3B



# Same Dimension

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



584F3C



736547



53583C



2B2A27



6B4900



EB9F00



# Inverse Universe

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



3C4558



475573



413C58



27282B



00226B



004BEB



# Previews

## White Background



This preview shows how the Hex color 584F3C looks on a white background.

## Color Contrast Check

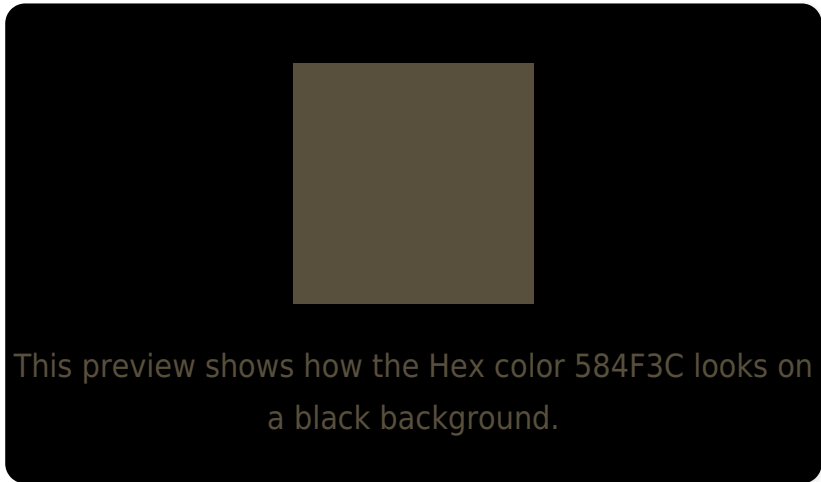
Large Text (above 18pt) WCAG AA ✓ Pass

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

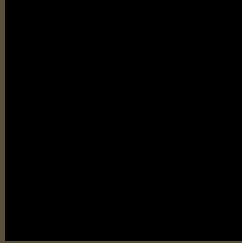
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 584F3C Background



This preview shows how black text looks on a background with the Hex color 584F3C.

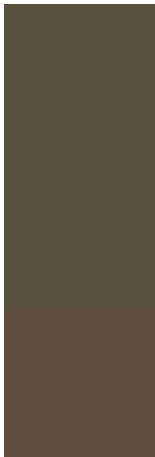


This preview shows how white text looks on a background with the Hex color 584F3C.

# 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**  
584F3C

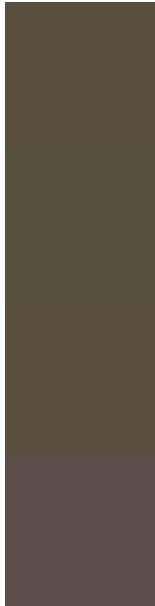
**Protanopia**  
56503C

**Deuteranopia**  
5E4D3C



**Tritanopia**  
5B4C52

# Trichromacy



**Original Color**  
584F3C

**Protanomaly**  
57503C

**Deuteranomaly**  
5C4E3C

**Tritanomaly**  
5A4D4A

# Monochromacy



**Original Color**  
584F3C

**Achromatopsia**  
505050

**Achromatomaly**  
535049

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 584F3C 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 #584F3C looks like.

```
.text, #text, p{  
    color:#584F3C  
}
```

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 #584F3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #584F3C
}
```

## Border

The CSS property to change the border of an element to Hex 584F3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

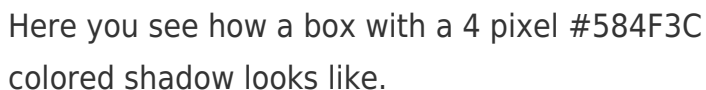
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#584F3C }
```

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

```
.border{ border-color:#584F3C }
```

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



Here you see how a box with a 4 pixel #584F3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #584F3C; -webkit-box-shadow:4px 4px  
4px 4px #584F3C; box-shadow:4px 4px 4px  
4px #584F3C }
```

# Background

The CSS property to change the background color of an element to Hex 584F3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#584F3C }
```

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

```
.background{ background-color:#584F3C }
```

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