

# Converting Colors

Hex(513C3F)

Have a look what the booklet for  
Hex(513C3F) contains.

<b>Hex(513C3F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(513C3F)

# Conversions

## Conversions Part 1

Format	Color
Hex	513C3F
RGB	81, 60, 63
RGB Percent	32%, 24%, 25%
CMY	0.6824, 0.7647, 0.7529
CMYK	0.00, 0.26, 0.22, 0.68
HSL	351°, 15%, 28%
HSV	351°, 26%, 32%
XYZ	5.9064, 5.3399, 5.4220
YIQ	66.6210, 11.5530, 5.3850

# Conversions

## Conversions Part 2

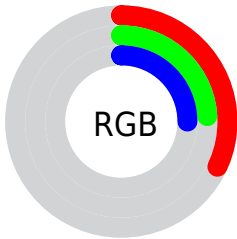
Format	Color
R <sub>Y</sub> B	81, 60, 63
Decimal	5323839
CIE Lab	27.68, 9.76, 1.73
CIE LCh	28, 9.913, 10.069
Yxy	5.3399, 0.3543, 0.3204
Android (android.graphics.Color)	4283513919 (0xFF513C3F)
YUV	66.6210, -1.7852, 12.6104
Hunter-Lab	23.1083, 5.1845, 2.2642

# Details

The Hex color **513C3F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3C514E**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **836B6F**, and **241215** is the 20% darker color. If you saturate the color by 10%, you get **513438**, and if you desaturate by 10%, it is **514446**.

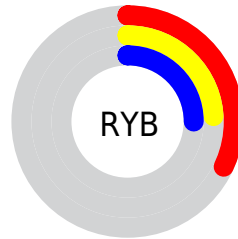
# Distribution



Red (32%)

Green (24%)

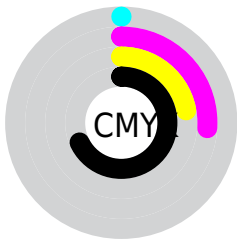
Blue (25%)



Red (32%)

Yellow (24%)

Blue (25%)

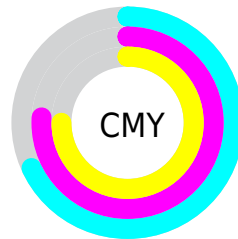


Cyan (0%)

Magenta (26%)

Yellow (22%)

Black (68%)



Cyan (68%)

Magenta (76%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 513C3F 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 513C3F by changing the saturation by 10% instead.



■ 513C3F

■ 513C3F

FFFFFF

■ 3A2629

■ 836B6F

■ 241215

■ 9D8588

■ 000000

■ B89FA2

■ D4BABD

■ F0D6D9

■ FFF2F5

■ 513C3F

■ 513C3F

■ 513438

■ 514446

■ 512C31

■ 514C4D

■ 51242A

■ 515454

■ 511C23

■ 515C5B

■ 51141C

■ 516562

■ 510B15

■ 516D69

■ 51030E

■ 517570

■ 51000C

■ 517D77

■ 51857D

# Harmonies

## Analogous

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



4D3D47



513C3F



503D38

# Triad

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



513C3F



3C4436



33444F

# Complementary

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



513C3F



3C514E

# 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.



2D454B



513C3F



34453C

# Square

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



513C3F



454232



2E4644



3C4150

# Rectangle

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



513C3F



4E3E34



2E4644



30444E



# Sweetspot

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



513C3F



696061



4E3C51



363031



B5B5B5



363636



# Same Dimension

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



513C3F



69484D



51433C



292525



69000F



E80021



# Inverse Universe

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



513C3F



69484D



3C4A51



292525



69000F



E80021



# Previews

## White Background



This preview shows how the Hex color 513C3F looks on a white background.

## Color Contrast Check

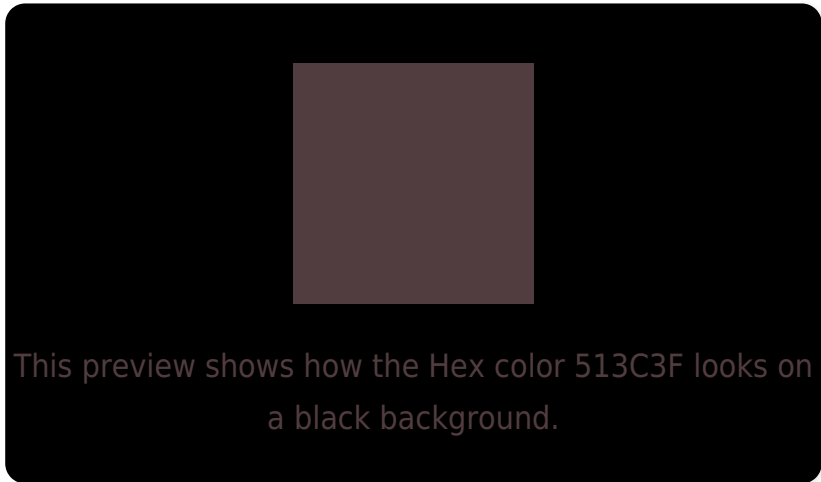
Large Text (above 18pt) WCAG AA ✓ Pass

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 513C3F Background



This preview shows how black text looks on a background with the Hex color 513C3F.

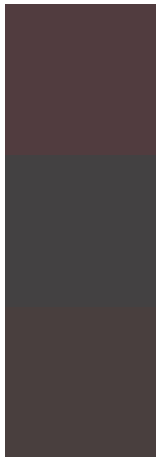


This preview shows how white text looks on a background with the Hex color 513C3F.

# 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](#).

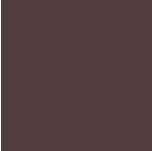
## Dichromacy



**Original Color**  
513C3F

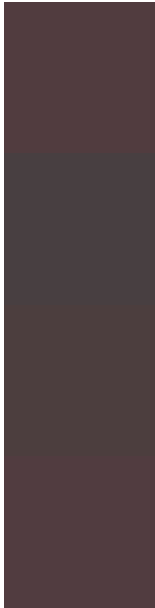
**Protanopia**  
434142

**Deuteranopia**  
493F3E



**Tritanopia**  
513C40

# Trichromacy



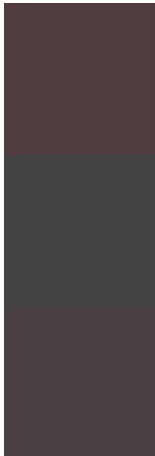
**Original Color**  
513C3F

**Protanomaly**  
483F41

**Deuteranomaly**  
4C3E3E

**Tritanomaly**  
513C40

# Monochromacy



**Original Color**  
513C3F

**Achromatopsia**  
434343

**Achromatomaly**  
484042

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 513C3F 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 #513C3F looks like.

```
.text, #text, p{  
    color:#513C3F  
}
```

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 #513C3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #513C3F
}
```

## Border

The CSS property to change the border of an element to Hex 513C3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

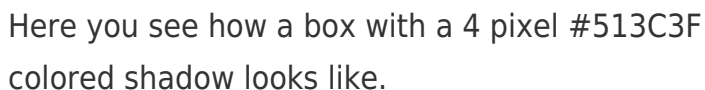
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#513C3F }
```

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

```
.border{ border-color:#513C3F }
```

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



Here you see how a box with a 4 pixel #513C3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #513C3F; -webkit-box-shadow:4px 4px  
4px 4px #513C3F; box-shadow:4px 4px 4px  
4px #513C3F }
```

# Background

The CSS property to change the background color of an element to Hex 513C3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#513C3F }
```

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

```
.background{ background-color:#513C3F }
```

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