

# Converting Colors

Hex(5B573F)

Have a look what the booklet for  
Hex(5B573F) contains.

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**Color**

**Hex(5B573F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B573F
RGB	91, 87, 63
RGB Percent	36%, 34%, 25%
CMY	0.6431, 0.6588, 0.7529
CMYK	0.00, 0.04, 0.31, 0.64
HSL	51°, 18%, 30%
HSV	51°, 31%, 36%
XYZ	8.6198, 9.3994, 6.0626
YIQ	85.4600, 10.0880, -6.6160

# Conversions

## Conversions Part 2

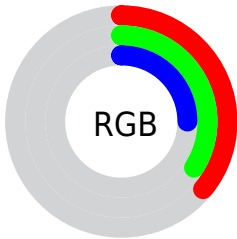
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 91, 63
Decimal	5986111
CIELab	36.74, -2.70, 14.56
CIELCh	37, 14.811, 100.488
Yxy	9.3994, 0.3579, 0.3903
Android (android.graphics.Color)	4284176191 (0xFF5B573F)
YUV	85.4600, -11.0728, 4.8586
Hunter-Lab	30.6585, -3.4662, 9.7366

# Details

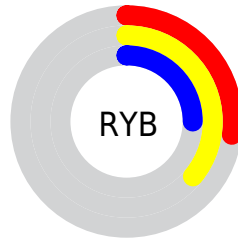
The Hex color **5B573F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3F435B**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **8E896F**, and **2D2A14** is the 20% darker color. If you saturate the color by 10%, you get **5B5636**, and if you desaturate by 10%, it is **5B5848**.

# Distribution



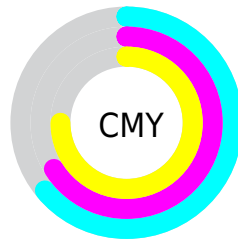
- Red (36%)
- Green (34%)
- Blue (25%)



- Red (27%)
- Yellow (36%)
- Blue (25%)



- Cyan (0%)
- Magenta (4%)
- Yellow (31%)
- Black (64%)



- Cyan (64%)
- Magenta (66%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B573F 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 5B573F by changing the saturation by 10% instead.





5B573F



5B573F

FFFFFF



434029



8E896F



2D2A14



A8A388



181600



C3BEA3



000000



DFDABE



FCF6D9



FFFFF6



5B573F



5B573F



5B5636



5B5848

 5B542D

 5B5A51

 5B5324

 5B5B5A

 5B521B

 5B5C63

 5B5111

 5B5E6D

 5B4F08

 5B5F76

 5B4E00

 5B607F

 5B6188

 5B6391

# Harmonies

## Analogous

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



665340



5B573F



4E5A44

# Triad

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



5B573F



355C65



694F5F

# Complementary

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



5B573F



3F435B

# 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.



5E5269



5B573F



3E5A6D

# Square

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



5B573F



365D5A



4E566E



6F4E53

# Rectangle

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



5B573F



455C4A



4E566E



665062



# Sweetspot

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



5B573F



75746B



5B3F43



3B3A34



BABABA



3B3B3B



# Same Dimension

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



5B573F



756F4A



515B3F



2E2D29



6E5E00



EDCB00



# Inverse Universe

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



3F435B



4A5075



493F5B



292A2E



00106E



0022ED



# Previews

## White Background



This preview shows how the Hex color 5B573F looks on a white background.

## Color Contrast Check

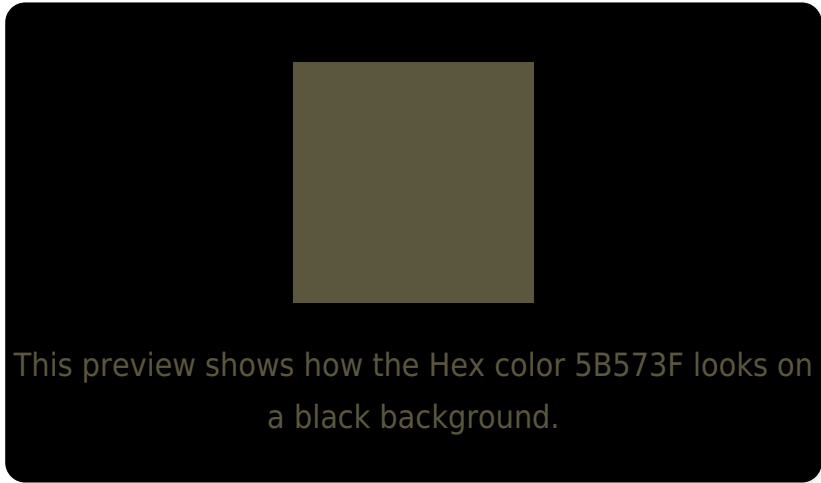
Large Text (above 18pt) WCAG AA ✓ Pass

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

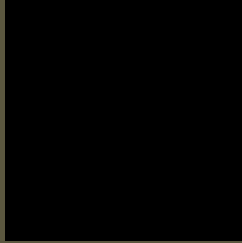
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5B573F Background



This preview shows how black text looks on a background with the Hex color 5B573F.

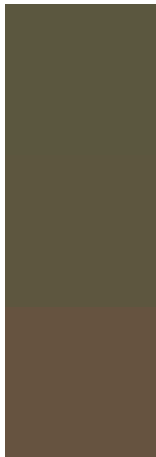


This preview shows how white text looks on a background with the Hex color 5B573F.

# 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](#).

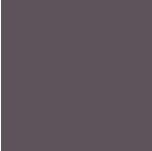
## Dichromacy



**Original Color**  
5B573F

**Protanopia**  
5D563F

**Deuteranopia**  
665340



**Tritanopia**  
5E535A

# Trichromacy



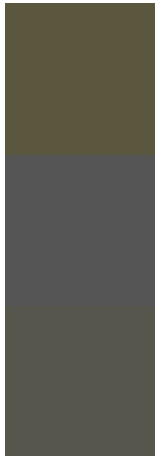
**Original Color**  
5B573F

**Protanomaly**  
5C563F

**Deuteranomaly**  
625440

**Tritanomaly**  
5D5450

# Monochromacy



**Original Color**  
5B573F

**Achromatopsia**  
555555

**Achromatomaly**  
57564D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B573F 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 #5B573F looks like.

```
.text, #text, p{  
    color:#5B573F  
}
```

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 #5B573F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B573F
}
```

## Border

The CSS property to change the border of an element to Hex 5B573F is called "border". The border property can be set on classes, ids or directly on the HTML element.

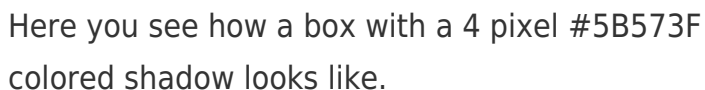
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B573F }
```

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

```
.border{ border-color:#5B573F }
```

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



Here you see how a box with a 4 pixel #5B573F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B573F; -webkit-box-shadow:4px 4px  
4px 4px #5B573F; box-shadow:4px 4px 4px  
4px #5B573F }
```

# Background

The CSS property to change the background color of an element to Hex 5B573F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B573F }
```

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

```
.background{ background-color:#5B573F }
```

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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