

# Converting Colors

Hex(5F563F)

Have a look what the booklet for  
Hex(5F563F) contains.

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# Color

**Hex(5F563F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F563F
RGB	95, 86, 63
RGB Percent	37%, 34%, 25%
CMY	0.6275, 0.6627, 0.7529
CMYK	0.00, 0.09, 0.34, 0.63
HSL	43°, 20%, 31%
HSV	43°, 34%, 37%
XYZ	8.9443, 9.4474, 6.0547
YIQ	86.0690, 12.7470, -5.2450

# Conversions

## Conversions Part 2

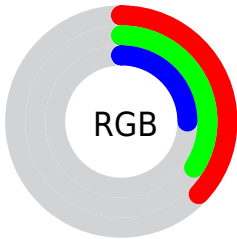
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	76, 95, 63
Decimal	6247999
CIE Lab	36.83, -0.30, 14.75
CIE LCh	37, 14.754, 91.155
Yxy	9.4474, 0.3659, 0.3865
Android (android.graphics.Color)	4284438079 (0xFF5F563F)
YUV	86.0690, -11.3730, 7.8325
Hunter-Lab	30.7365, -1.8456, 9.8362

# Details

The Hex color **5F563F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **3F485F**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **92886F**, and **302914** is the 20% darker color. If you saturate the color by 10%, you get **5F5336**, and if you desaturate by 10%, it is **5F5949**.

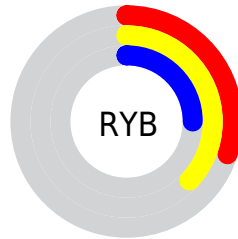
# Distribution



Red (37%)

Green (34%)

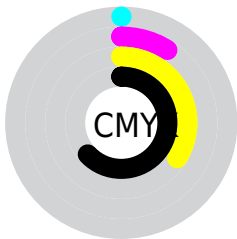
Blue (25%)



Red (30%)

Yellow (37%)

Blue (25%)

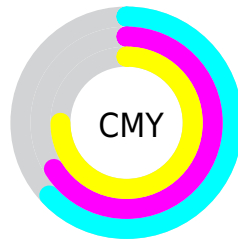


Cyan (0%)

Magenta (9%)

Yellow (34%)

Black (63%)



Cyan (63%)

Magenta (66%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F563F 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 5F563F by changing the saturation by 10% instead.





5F563F



5F563F

FFFFFF



473F29



92886F



302914



ADA288



1C1500



C8BDA3



000000



E4D9BE



FFF5D9



FFFFF6



5F563F



5F563F



5F5336



5F5949

■ 5F512C

■ 5F5B52

■ 5F4E23

■ 5F5E5C

■ 5F4B19

■ 5F6165

■ 5F4910

■ 5F636F

■ 5F4606

■ 5F6678

■ 5F4400

■ 5F6982

■ 5F6B8B

■ 5F6E95

# Harmonies

## Analogous

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



695242



5F563F



525A42

# Triad

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



5F563F



345D62



665062

# Complementary

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



5F563F



3F485F

# 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.



59536B



5F563F



3A5B6B

# Square

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



5F563F



395D57



49586E



6E4E57

# Rectangle

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



5F563F



495C47



49586E



635166



# Sweetspot

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



5F563F



7A776E



5F3F48



3D3B36



BDBDBD



3D3D3D



# Same Dimension

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



5F563F



7A6D49



585F3F



302F2C



705100



F0AC00



# Inverse Universe

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



3F485F



49577A



463F5F



2C2D30



002070

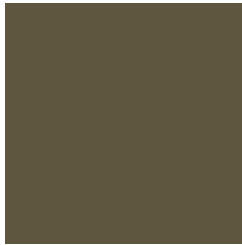


0043F0



# Previews

## White Background



This preview shows how the Hex color 5F563F looks on a white background.

## Color Contrast Check

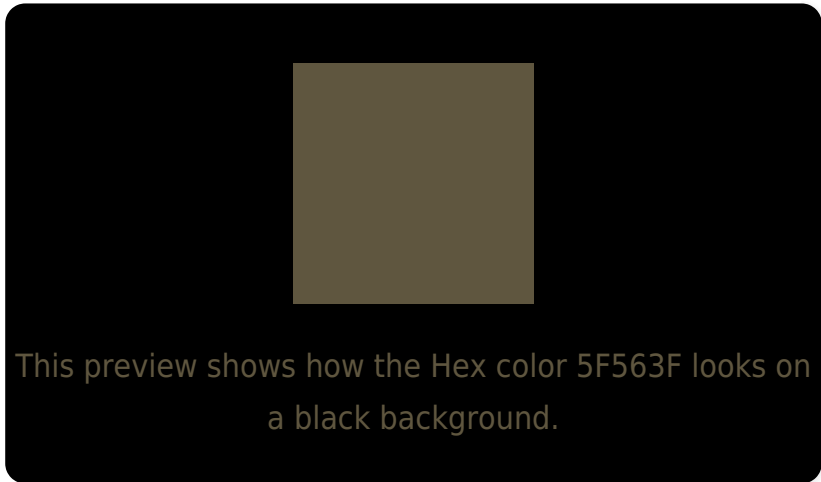
Large Text (above 18pt) WCAG AA ✓ Pass

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

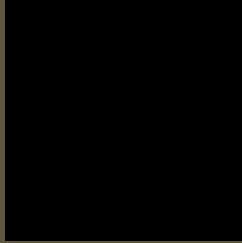
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F563F Background



This preview shows how black text looks on a background with the Hex color 5F563F.

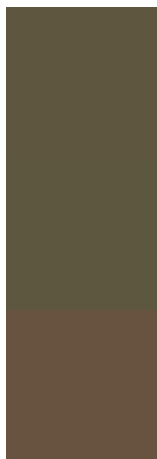


This preview shows how white text looks on a background with the Hex color 5F563F.

# 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**  
5F563F

**Protanopia**  
5D573F

**Deuteranopia**  
675340



**Tritanopia**  
625359

# Trichromacy



**Original Color**  
5F563F

**Protanomaly**  
5E573F

**Deuteranomaly**  
645440

**Tritanomaly**  
615450

# Monochromacy



**Original Color**  
5F563F

**Achromatopsia**  
565656

**Achromatomaly**  
59564E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F563F 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 #5F563F looks like.

```
.text, #text, p{  
    color:#5F563F  
}
```

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 #5F563F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F563F
}
```

## Border

The CSS property to change the border of an element to Hex 5F563F is called "border". The border property can be set on classes, ids or directly on the HTML element.

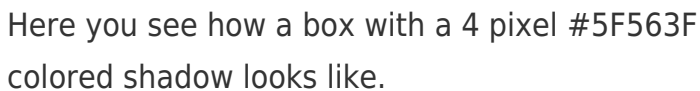
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F563F }
```

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

```
.border{ border-color:#5F563F }
```

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



Here you see how a box with a 4 pixel #5F563F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F563F; -webkit-box-shadow:4px 4px  
4px 4px #5F563F; box-shadow:4px 4px 4px  
4px #5F563F }
```

# Background

The CSS property to change the background color of an element to Hex 5F563F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F563F }
```

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

```
.background{ background-color:#5F563F }
```

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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