

# Converting Colors

Hex(5F644F)

Have a look what the booklet for  
Hex(5F644F) contains.

<b>Hex(5F644F)</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(5F644F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F644F
RGB	95, 100, 79
RGB Percent	37%, 39%, 31%
CMY	0.6275, 0.6078, 0.6902
CMYK	0.05, 0.00, 0.21, 0.61
HSL	74°, 12%, 35%
HSV	74°, 21%, 39%
XYZ	10.6878, 12.1118, 9.1716
YIQ	96.1110, 3.7610, -7.5910

# Conversions

## Conversions Part 2

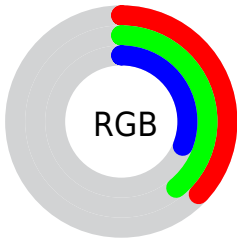
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 100, 84
Decimal	6251599
CIE <sub>Lab</sub>	41.39, -6.05, 11.28
CIE <sub>LCh</sub>	41, 12.802, 118.201
Yxy	12.1118, 0.3343, 0.3788
Android (android.graphics.Color)	4284441679 (0xFF5F644F)
YUV	96.1110, -8.4357, -0.9743
Hunter-Lab	34.8019, -6.0856, 8.7362

# Details

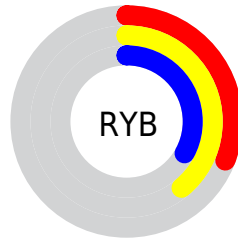
The Hex color **5F644F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **544F64**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **929780**, and **313522** is the 20% darker color. If you saturate the color by 10%, you get **5D6445**, and if you desaturate by 10%, it is **616459**.

# Distribution



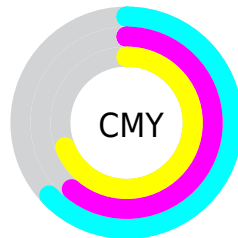
- Red (37%)
- Green (39%)
- Blue (31%)



- Red (31%)
- Yellow (39%)
- Blue (33%)



- Cyan (5%)
- Magenta (0%)
- Yellow (21%)
- Black (61%)



- Cyan (63%)
- Magenta (61%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F644F 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 5F644F by changing the saturation by 10% instead.





5F644F



5F644F

FFFFFF



474C38



929780



313522



ACB19A



1C200D



C8CDB5



000A00



E4E9D1



000000



FFFFED



5F644F



5F644F



5D6445



616459



5A643B



646463

■ 586431

■ 66646D

■ 556427

■ 696477

■ 53641D

■ 6B6481

■ 516413

■ 6D648B

■ 4E6409

■ 706495

■ 4C6400

■ 72649F

■ 7464A9

# Harmonies

## Analogous

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



6A614D



5F644F



536656

# Triad

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



5F644F



496673



765A63

# Complementary

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



5F644F



544F64

# 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.



6F5C6D



5F644F



556376

# Square

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



5F644F



45676B



635F74



775B58

# Rectangle

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



5F644F



4C675D



635F74



745B66



# Sweetspot

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



5F644F



80827A



64544F



41423E



C2C2C2



424242



# Same Dimension

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



5F644F



7A8262



55644F



32332E



577300



B9F200



# Inverse Universe

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



544F64



696282



5E4F64



2F2E33



1B0073



3A00F2



# Previews

## White Background



This preview shows how the Hex color 5F644F looks on a white background.

## Color Contrast Check

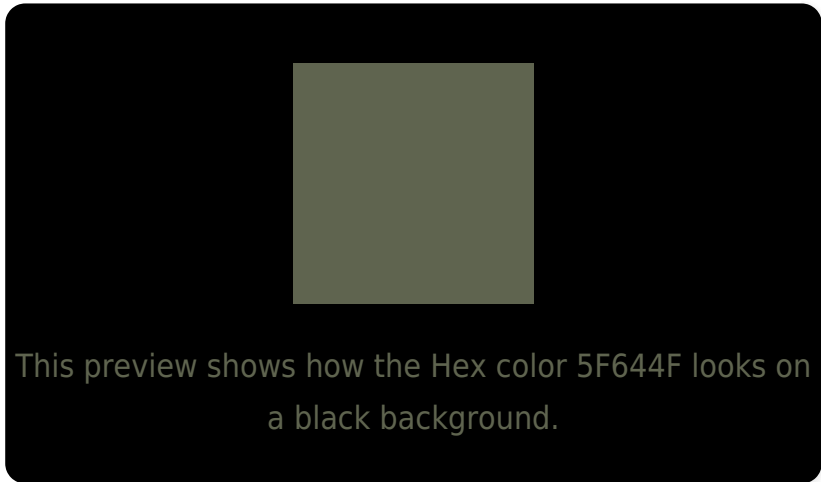
Large Text (above 18pt) WCAG AA ✓ Pass

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

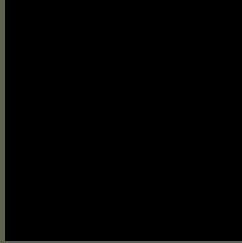
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

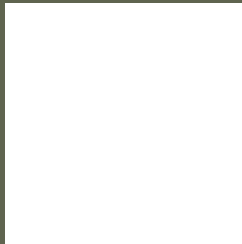
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5F644F Background



This preview shows how black text looks on a background with the Hex color 5F644F.

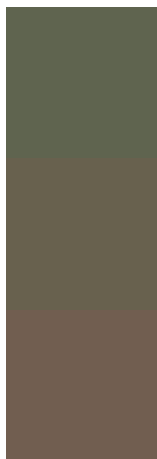


This preview shows how white text looks on a background with the Hex color 5F644F.

# 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**


5F644F

**Protanopia**

68614E

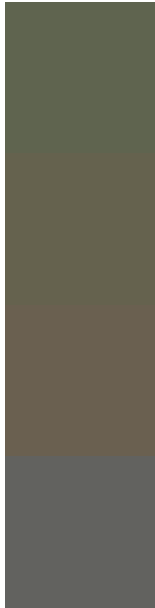
**Deuteranopia**

715E50



**Tritanopia**  
636168

# Trichromacy



**Original Color**  
5F644F

**Protanomaly**  
65624E

**Deuteranomaly**  
6A6050

**Tritanomaly**  
62625F

# Monochromacy



**Original Color**  
5F644F

**Achromatopsia**  
606060

**Achromatomaly**  
60615A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F644F 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 #5F644F looks like.

```
.text, #text, p{  
    color:#5F644F  
}
```

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 #5F644F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F644F
}
```

## Border

The CSS property to change the border of an element to Hex 5F644F 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".

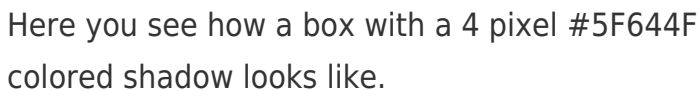
```
.border, #border, table{ border:4px solid
#5F644F }
```

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

```
.border{ border-color:#5F644F }
```

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

Here you see how a box with a 4 pixel #5F644F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F644F; -webkit-box-shadow:4px 4px  
4px 4px #5F644F; box-shadow:4px 4px 4px  
4px #5F644F }
```

# Background

The CSS property to change the background color of an element to Hex 5F644F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F644F }
```

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

```
.background{ background-color:#5F644F }
```

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