

# Converting Colors

Hex(5F693D)

Have a look what the booklet for  
Hex(5F693D) contains.

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# Color

Hex(5F693D)

# Conversions

## Conversions Part 1

Format	Color
Hex	5F693D
RGB	95, 105, 61
RGB Percent	37%, 41%, 24%
CMY	0.6275, 0.5882, 0.7608
CMYK	0.10, 0.00, 0.42, 0.59
HSL	74°, 27%, 33%
HSV	74°, 42%, 41%
XYZ	10.6132, 12.8730, 6.3402
YIQ	96.9940, 8.1640, -15.8040

# Conversions

## Conversions Part 2

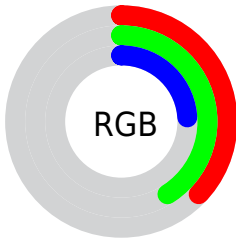
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 105, 71
Decimal	6252861
CIELab	42.57, -11.69, 23.47
CIElCh	43, 26.216, 116.482
Yxy	12.8730, 0.3558, 0.4316
Android (android.graphics.Color)	4284442941 (0xFF5F693D)
YUV	96.9940, -17.7450, -1.7487
Hunter-Lab	35.8789, -9.9868, 14.6380

# Details

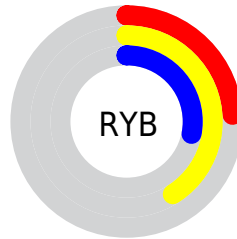
The Hex color **5F693D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **473D69**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **929C6D**, and **303A11** is the 20% darker color. If you saturate the color by 10%, you get **5D6933**, and if you desaturate by 10%, it is **616948**.

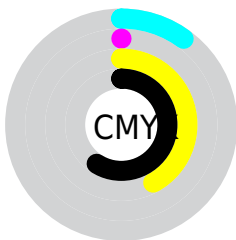
# Distribution



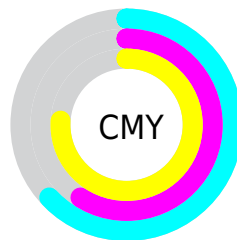
- Red (37%)
- Green (41%)
- Blue (24%)



- Red (24%)
- Yellow (41%)
- Blue (28%)



- Cyan (10%)
- Magenta (0%)
- Yellow (42%)
- Black (59%)



- Cyan (63%)
- Magenta (59%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F693D 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 5F693D by changing the saturation by 10% instead.





5F693D



5F693D

FFFFFF



475126



929C6D



303A11



ADB787



1B2400



C9D3A1



001000



E5EFBC



000000



FFFFD8



FFFFF5



5F693D



5F693D



5D6933



616948

■ 5A6928

■ 646952

■ 58691E

■ 66695D

■ 556913

■ 696967

■ 536909

■ 6B6972

■ 516900

■ 6D697C

■ 706987

■ 726991

■ 74699C

# Harmonies

## Analogous

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



756239



5F693D



456E4C

# Triad

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



5F693D



176D88



8C5468

# Complementary

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



5F693D



473D69

# 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.



7D587D



5F693D



40678F

# Square

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



5F693D



037077



63608B



8E5552

# Rectangle

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



5F693D



326F5A



63608B



88556F



# Sweetspot

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



5F693D



868A78



69473D



42453A



C4C4C4



454545



# Same Dimension

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



5F693D



7A8A45



49693D



343630



5B7500



BDF500



# Inverse Universe

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



473D69



54458A



5D3D69



313036



1B0075



3800F5



# Previews

## White Background



This preview shows how the Hex color 5F693D looks on a white background.

## Color Contrast Check

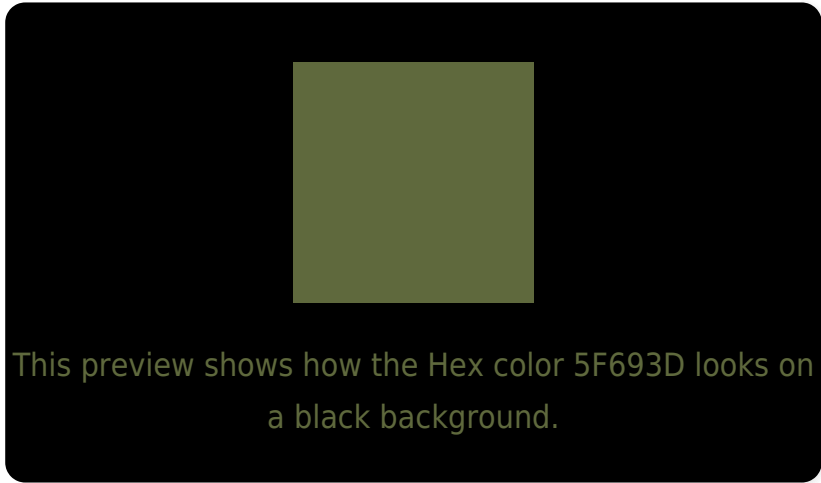
Large Text (above 18pt) WCAG AA ✓ Pass

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

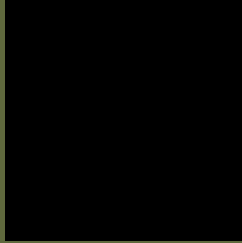
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F693D Background



This preview shows how black text looks on a background with the Hex color 5F693D.



This preview shows how white text looks on a background with the Hex color 5F693D.

# 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**  
5F693D

**Protanopia**  
6E643B

**Deuteranopia**  
79603F



**Tritanopia**  
65646B

# Trichromacy



**Original Color**  
5F693D

**Protanomaly**  
69663C

**Deuteranomaly**  
70633E

**Tritanomaly**  
63665A

# Monochromacy



**Original Color**  
5F693D

**Achromatopsia**  
616161

**Achromatomaly**  
606454

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F693D 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 #5F693D looks like.

```
.text, #text, p{  
    color:#5F693D  
}
```

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 #5F693D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F693D
}
```

## Border

The CSS property to change the border of an element to Hex 5F693D 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
#5F693D }
```

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

```
.border{ border-color:#5F693D }
```

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

Here you see how a box with a 4 pixel #5F693D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F693D; -webkit-box-shadow:4px 4px  
4px 4px #5F693D; box-shadow:4px 4px 4px  
4px #5F693D }
```

# Background

The CSS property to change the background color of an element to Hex 5F693D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F693D }
```

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

```
.background{ background-color:#5F693D }
```

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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