

# Converting Colors

Hex(5D693F)

Have a look what the booklet for  
Hex(5D693F) contains.

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# Color

**Hex(5D693F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D693F
RGB	93, 105, 63
RGB Percent	36%, 41%, 25%
CMY	0.6353, 0.5882, 0.7529
CMYK	0.11, 0.00, 0.40, 0.59
HSL	77°, 25%, 33%
HSV	77°, 40%, 41%
XYZ	10.4630, 12.7892, 6.6197
YIQ	96.6240, 6.3300, -15.6060

# Conversions

## Conversions Part 2

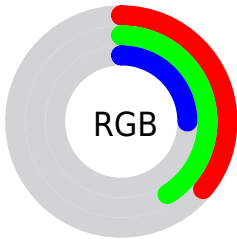
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 105, 75
Decimal	6121791
CIELab	42.44, -12.28, 22.12
CIELCh	42, 25.304, 119.039
Yxy	12.7892, 0.3503, 0.4281
Android (android.graphics.Color)	4284311871 (0xFF5D693F)
YUV	96.6240, -16.5766, -3.1782
Hunter-Lab	35.7620, -10.3592, 14.0585

# Details

The Hex color **5D693F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4B3F69**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **909C6F**, and **2E3A13** is the 20% darker color. If you saturate the color by 10%, you get **5A6935**, and if you desaturate by 10%, it is **60694A**.

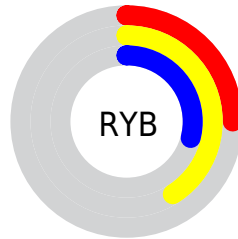
# Distribution



Red (36%)

Green (41%)

Blue (25%)



Red (25%)

Yellow (41%)

Blue (29%)

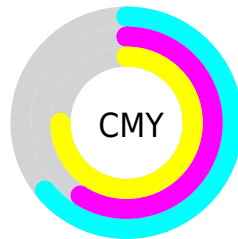


Cyan (11%)

Magenta (0%)

Yellow (40%)

Black (59%)



Cyan (64%)

Magenta (59%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D693F 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 5D693F by changing the saturation by 10% instead.





5D693F



5D693F

FFFFFF



455128



909C6F



2E3A13



ABB789



1A2400



C6D3A3



001000



E2EFBE



000000



FFFFDA



FFFFF7



5D693F



5D693F



5A6935



60694A

■ 57692A

■ 636954

■ 546920

■ 66695F

■ 516915

■ 696969

■ 4E690A

■ 6C6974

■ 4B6900

■ 6F697E

■ 726989

■ 756993

■ 78699E

# Harmonies

## Analogous

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



73633A



5D693F



446D4E

# Triad

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



5D693F



206C87



8B5466

# Complementary

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



5D693F



4B3F69

# 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.



7E587A



5D693F



45668E

# Square

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



5D693F



0E6F78



665F89



8C5651

# Rectangle

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



5D693F



326F5C



665F89



88556D



# Sweetspot

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



5D693F



858A79



694B3F



42453B



C4C4C4



454545



# Same Dimension

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



5D693F



778A48



48693F



343630



547500



AFF500



# Inverse Universe

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



4B3F69



5A488A



603F69



323036



220075



4600F5



# Previews

## White Background



This preview shows how the Hex color 5D693F looks on a white background.

## Color Contrast Check

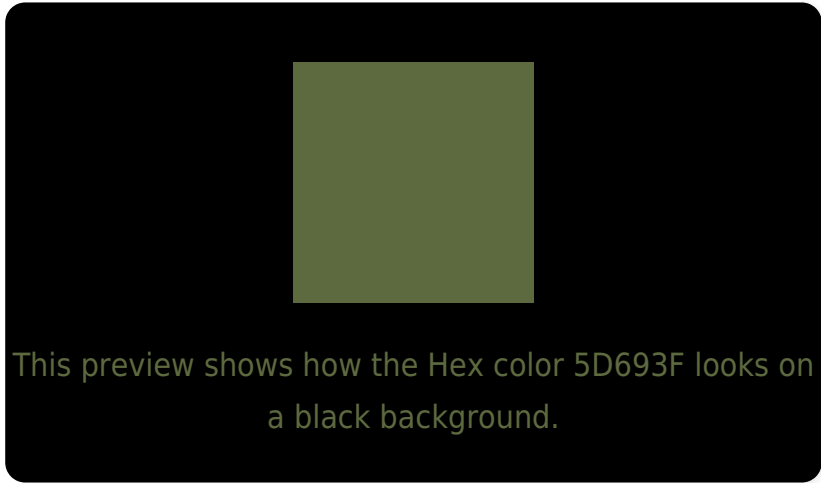
Large Text (above 18pt) WCAG AA ✓ Pass

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

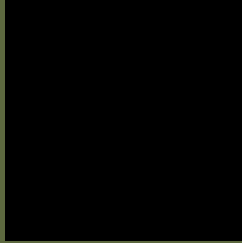
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D693F Background



This preview shows how black text looks on a background with the Hex color 5D693F.



This preview shows how white text looks on a background with the Hex color 5D693F.

# 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**  
5D693F

**Protanopia**  
6D643D

**Deuteranopia**  
786041



**Tritanopia**  
63646C

# Trichromacy



**Original Color**  
5D693F

**Protanomaly**  
67663E

**Deuteranomaly**  
6E6340

**Tritanomaly**  
61665C

# Monochromacy



**Original Color**  
5D693F

**Achromatopsia**  
616161

**Achromatomaly**  
606455

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D693F 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 #5D693F looks like.

```
.text, #text, p{  
    color:#5D693F  
}
```

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 #5D693F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D693F
}
```

## Border

The CSS property to change the border of an element to Hex 5D693F 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
#5D693F }
```

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

```
.border{ border-color:#5D693F }
```

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

Here you see how a box with a 4 pixel #5D693F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D693F; -webkit-box-shadow:4px 4px  
4px 4px #5D693F; box-shadow:4px 4px 4px  
4px #5D693F }
```

# Background

The CSS property to change the background color of an element to Hex 5D693F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D693F }
```

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

```
.background{ background-color:#5D693F }
```

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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