

# Converting Colors

Hex(5D673D)

Have a look what the booklet for  
Hex(5D673D) contains.

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# Color

**Hex(5D673D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D673D
RGB	93, 103, 61
RGB Percent	36%, 40%, 24%
CMY	0.6353, 0.5961, 0.7608
CMYK	0.10, 0.00, 0.41, 0.60
HSL	74°, 26%, 32%
HSV	74°, 41%, 40%
XYZ	10.2068, 12.3646, 6.2635
YIQ	95.2220, 7.5220, -15.1820

# Conversions

## Conversions Part 2

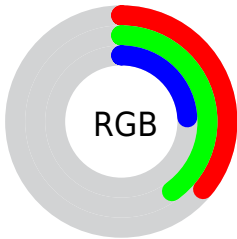
Format	Color
<b>RYB</b>	61, 103, 71
Decimal	6121277
CIELab	41.79, -11.44, 22.43
CIElCh	42, 25.179, 117.012
Yxy	12.3646, 0.3540, 0.4288
Android (android.graphics.Color)	4284311357 (0xFF5D673D)
YUV	95.2220, -16.8714, -1.9487
Hunter-Lab	35.1633, -9.7231, 14.0532

# Details

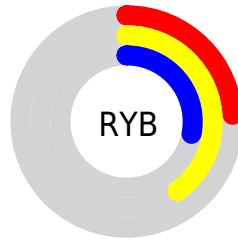
The Hex color **5D673D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **473D67**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **909A6D**, and **2E3811** is the 20% darker color. If you saturate the color by 10%, you get **5B6733**, and if you desaturate by 10%, it is **5F6747**.

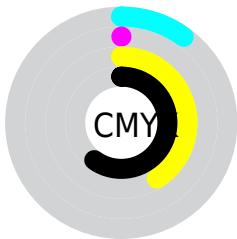
# Distribution



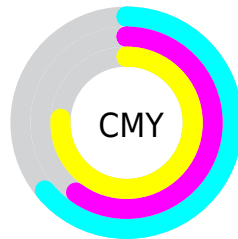
- Red (36%)
- Green (40%)
- Blue (24%)



- Red (24%)
- Yellow (40%)
- Blue (28%)



- Cyan (10%)
- Magenta (0%)
- Yellow (41%)
- Black (60%)



- Cyan (64%)
- Magenta (60%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D673D 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 5D673D by changing the saturation by 10% instead.



 5D673D

 5D673D

FFFFFF

 454F27

 909A6D

 2E3811

 ABB587

 1A2300

 C6D0A1

 000C00

 E2EDBC

 000000

 FFFFD8

 FFFFF4

 5D673D

 5D673D

 5B6733

 5F6747

■ 586728

■ 626752

■ 56671E

■ 64675C

■ 536714

■ 676766

■ 51670A

■ 696771

■ 4E6700

■ 6C677B

■ 6E6785

■ 71678F

■ 73679A

# Harmonies

## Analogous

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



726139



5D673D



456B4B

# Triad

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



5D673D



1C6B85



895366

# Complementary

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



5D673D



473D67

# 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.



7B5779



5D673D



41658C

# Square

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



5D673D



0D6D75



625E87



8B5451

# Rectangle

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



5D673D



336D59



625E87



85546C



# Sweetspot

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



5D673D



838777



67473D



43453B



C4C4C4



454545



# Same Dimension

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



5D673D



778745



48673D



32332E



577300



B9F200



# Inverse Universe

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



473D67



554587



5C3D67



2F2E33



1B0073

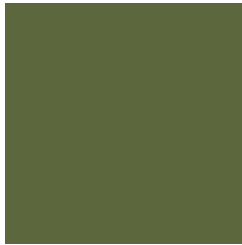


3A00F2



# Previews

## White Background



This preview shows how the Hex color 5D673D looks on a white background.

## Color Contrast Check

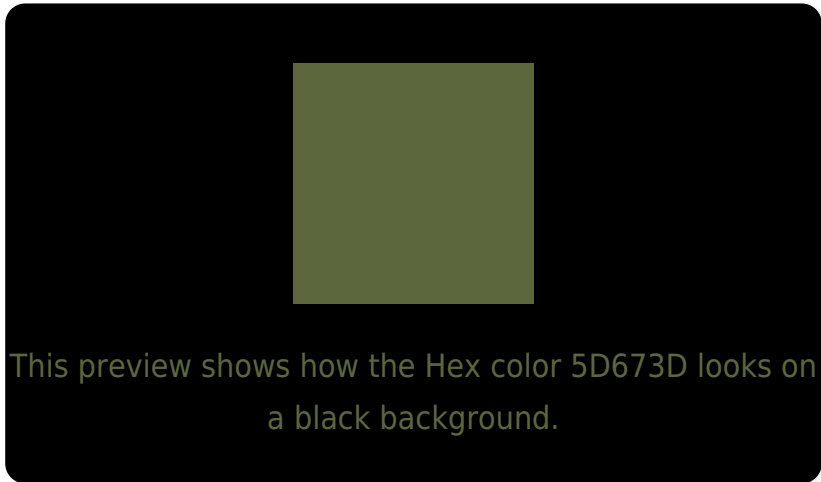
Large Text (above 18pt) WCAG AA ✓ Pass

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

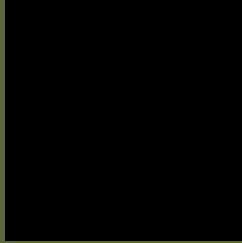
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D673D Background



This preview shows how black text looks on a background with the Hex color 5D673D.



This preview shows how white text looks on a background with the Hex color 5D673D.

# 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**  
5D673D

**Protanopia**  
6C633B

**Deuteranopia**  
775E3F



**Tritanopia**  
636269

# Trichromacy



**Original Color**  
5D673D

**Protanomaly**  
67643C

**Deuteranomaly**  
6E613E

**Tritanomaly**  
616459

# Monochromacy



**Original Color**  
5D673D

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
5E6253

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D673D 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 #5D673D looks like.

```
.text, #text, p{  
  color:#5D673D  
}
```

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 #5D673D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D673D
}
```

## Border

The CSS property to change the border of an element to Hex 5D673D 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
#5D673D }
```

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

```
.border{ border-color:#5D673D }
```

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

Here you see how a box with a 4 pixel #5D673D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D673D; -webkit-box-shadow:4px 4px  
4px 4px #5D673D; box-shadow:4px 4px 4px  
4px #5D673D }
```

# Background

The CSS property to change the background color of an element to Hex 5D673D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D673D }
```

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

```
.background{ background-color:#5D673D }
```

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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