

Converting Colors

Hex(5D773C)

Have a look what the booklet for
Hex(5D773C) contains.

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Color

Hex(5D773C)

Conversions

Conversions Part 1

Format	Color
Hex	5D773C
RGB	93, 119, 60
RGB Percent	36%, 47%, 24%
CMY	0.6353, 0.5333, 0.7647
CMYK	0.22, 0.00, 0.50, 0.53
HSL	86°, 33%, 35%
HSV	86°, 50%, 47%
XYZ	11.9266, 15.8471, 6.7052
YIQ	104.5000, 3.4430, -23.8610

Conversions

Conversions Part 2

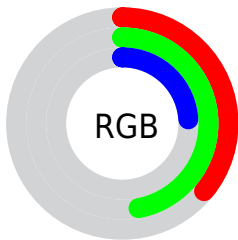
Format	Color
RYB	60, 119, 86
Decimal	6125372
CIELab	46.77, -20.25, 29.25
CIELCh	47, 35.578, 124.699
Yxy	15.8471, 0.3459, 0.4596
Android (android.graphics.Color)	4284315452 (0xFF5D773C)
YUV	104.5000, -21.9385, -10.0855
Hunter-Lab	39.8084, -16.1858, 17.8793

Details

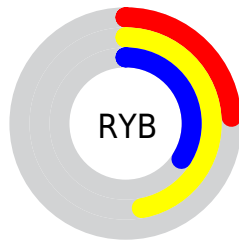
The Hex color **5D773C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **563C77**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **91AB6D**, and **2D460E** is the 20% darker color. If you saturate the color by 10%, you get **587730**, and if you desaturate by 10%, it is **627748**.

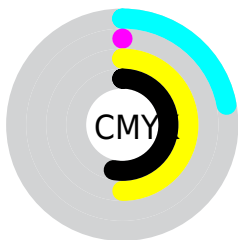
Distribution



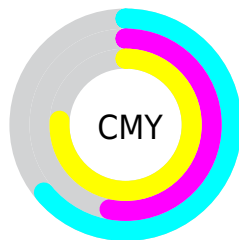
- Red (36%)
- Green (47%)
- Blue (24%)



- Red (24%)
- Yellow (47%)
- Blue (34%)



- Cyan (22%)
- Magenta (0%)
- Yellow (50%)
- Black (53%)



- Cyan (64%)
- Magenta (53%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D773C 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 5D773C by changing the saturation by 10% instead.



5D773C



5D773C

FFFFFF



445E25



91AB6D



2D460E



ACC786



183000



C7E3A1



001D00



E4FFBC



000000



FFFFD8



FFFFF5



5D773C



5D773C



587730



627748

■ 537724

■ 677754

■ 4D7718

■ 6D7760

■ 48770C

■ 72776C

■ 437700

■ 777777

■ 7C7783

■ 82778F

■ 87779B

■ 8C77A7

Harmonies

Analogous

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



7C6F31



5D773C



357C54

Triad

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



5D773C



0079A4



A6566B

Complementary

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



5D773C



563C77

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.



985B89



5D773C



4570AA

Square

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



5D773C



007D90



7865A0



A55A4E

Rectangle

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



5D773C



007E68



7865A0



A35675

Sweetspot

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



5D773C



919C84



77563C



494F41



CFCFCF



4F4F4F

Same Dimension

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



5D773C



739C40



40773C



383B35



447A00



8CFA00

Inverse Universe

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



563C77



68409C



733C77



37353B



36007A



6E00FA

Previews

White Background



This preview shows how the Hex color 5D773C looks on a white background.

Color Contrast Check

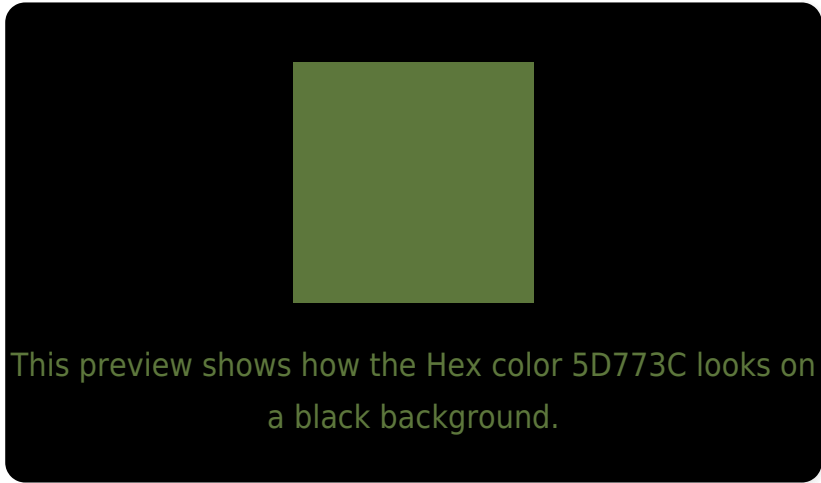
Large Text (above 18pt) WCAG AA ✓ Pass

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

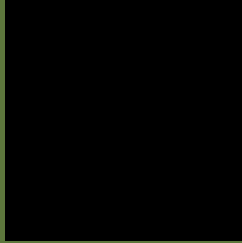
Any Text WCAG AA × Fail

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 5D773C Background



This preview shows how black text looks on a background with the Hex color 5D773C.



This preview shows how white text looks on a background with the Hex color 5D773C.

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
5D773C

Protanopia
7A6F39

Deuteranopia
87693F



Tritanopia
657079

Trichromacy



Original Color
5D773C

Protanomaly
6F723A

Deuteranomaly
786E3E

Tritanomaly
627363

Monochromacy



Original Color
5D773C

Achromatopsia
696969

Achromatomaly
656E59

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D773C 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 #5D773C looks like.

```
.text, #text, p{  
    color:#5D773C  
}
```

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 #5D773C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D773C
}
```

Border

The CSS property to change the border of an element to Hex 5D773C 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".

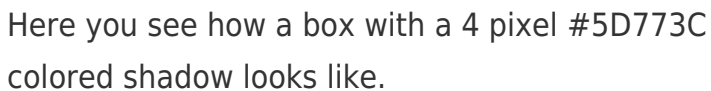
```
.border, #border, table{ border:4px solid
#5D773C }
```

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

```
.border{ border-color:#5D773C }
```

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

Here you see how a box with a 4 pixel #5D773C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D773C; -webkit-box-shadow:4px 4px  
4px 4px #5D773C; box-shadow:4px 4px 4px  
4px #5D773C }
```

Background

The CSS property to change the background color of an element to Hex 5D773C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D773C }
```

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

```
.background{ background-color:#5D773C }
```

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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