

Converting Colors

Hex(5E772C)

Have a look what the booklet for
Hex(5E772C) contains.

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Color

Hex(5E772C)

Conversions

Conversions Part 1

Format	Color
Hex	5E772C
RGB	94, 119, 44
RGB Percent	37%, 47%, 17%
CMY	0.6314, 0.5333, 0.8275
CMYK	0.21, 0.00, 0.63, 0.53
HSL	80°, 46%, 32%
HSV	80°, 63%, 47%
XYZ	11.6675, 15.7552, 4.8090
YIQ	102.9750, 9.1750, -28.6250

Conversions

Conversions Part 2

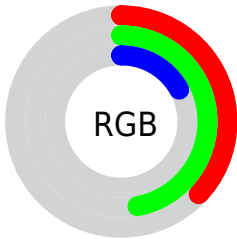
Format	Color
RYB	44, 119, 69
Decimal	6190892
CIELab	46.65, -21.56, 37.32
CIELCh	47, 43.101, 120.007
Yxy	15.7552, 0.3620, 0.4888
Android (android.graphics.Color)	4284380972 (0xFF5E772C)
YUV	102.9750, -29.0747, -7.8711
Hunter-Lab	39.6928, -16.9930, 20.6017

Details

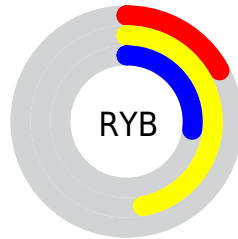
The Hex color **5E772C** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **452C77**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **92AB5D**, and **2D4600** is the 20% darker color. If you saturate the color by 10%, you get **5A7720**, and if you desaturate by 10%, it is **627738**.

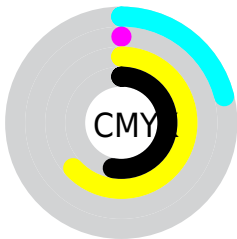
Distribution



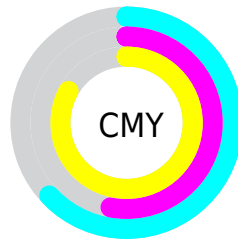
- Red (37%)
- Green (47%)
- Blue (17%)



- Red (17%)
- Yellow (47%)
- Blue (27%)



- Cyan (21%)
- Magenta (0%)
- Yellow (63%)
- Black (53%)



- Cyan (63%)
- Magenta (53%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E772C 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 5E772C by changing the saturation by 10% instead.



5E772C



5E772C

FFFFFF



455E13



92AB5D



2D4600



AEC777



153000



C9E391



001D00



E6FFAC



000000



FFFFC7



FFFFE4



5E772C



5E772C



5A7720



627738

■ 567714

■ 667744

■ 527708

■ 6A7750

■ 4F7700

■ 6E775C

■ 727767

■ 767773

■ 7A777F

■ 7E778B

■ 827797

Harmonies

Analogous

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



826D21



5E772C



2B7D49

Triad

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



5E772C



007CAD



AF4E70

Complementary

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



5E772C



452C77

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.



9B5693



5E772C



1873B7

Square

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



5E772C



008092



6F65AD



AF524C

Rectangle

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



5E772C



008061



6F65AD



AB507C

Sweetspot

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



5E772C



929C7E



77452C



494F3D



CFCFCF



4F4F4F

Same Dimension

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



5E772C



749C25



38772C



393B35



527A00



A7FA00

Inverse Universe

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



452C77



4D259C



6B2C77



37353B



29007A



5300FA

Previews

White Background



This preview shows how the Hex color 5E772C looks on a white background.

Color Contrast Check

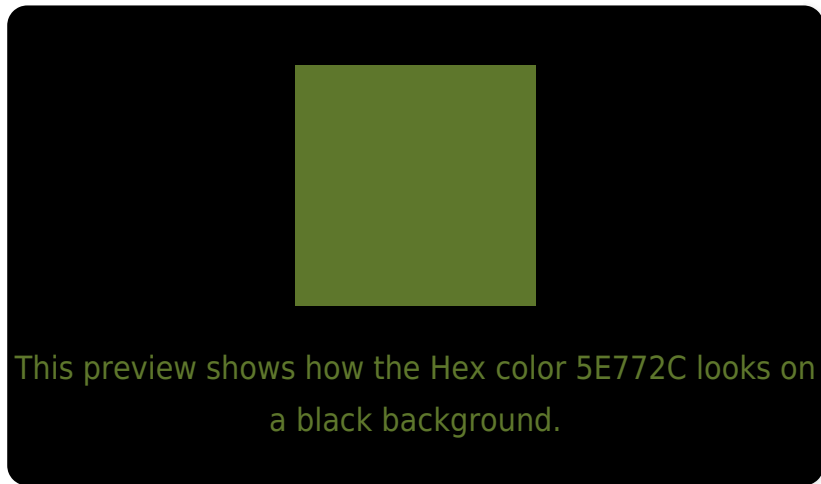
Large Text (above 18pt) WCAG AA ✓ Pass

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

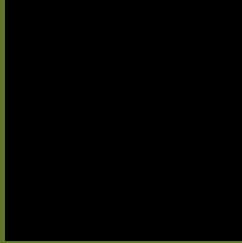
Any Text WCAG AA × Fail

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 5E772C Background



This preview shows how black text looks on a background with the Hex color 5E772C.



This preview shows how white text looks on a background with the Hex color 5E772C.

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](#).

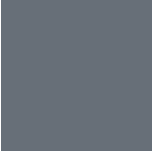
Dichromacy



Original Color
5E772C

Protanopia
7B6F2A

Deuteranopia
896930



Tritanopia
676F78

Trichromacy



Original Color
5E772C

Protanomaly
70722B

Deuteranomaly
796E2F

Tritanomaly
64725C

Monochromacy



Original Color
5E772C

Achromatopsia
676767

Achromatomaly
646D52

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E772C 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 #5E772C looks like.

```
.text, #text, p{  
    color:#5E772C  
}
```

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 #5E772C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E772C
}
```

Border

The CSS property to change the border of an element to Hex 5E772C 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".

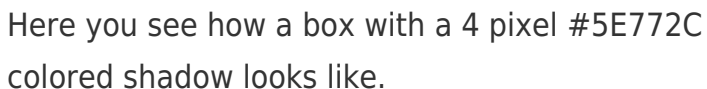
```
.border, #border, table{ border:4px solid
#5E772C }
```

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

```
.border{ border-color:#5E772C }
```

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

Here you see how a box with a 4 pixel #5E772C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E772C; -webkit-box-shadow:4px 4px  
4px 4px #5E772C; box-shadow:4px 4px 4px  
4px #5E772C }
```

Background

The CSS property to change the background color of an element to Hex 5E772C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E772C }
```

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

```
.background{ background-color:#5E772C }
```

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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