

Converting Colors

Hex(51772C)

Have a look what the booklet for
Hex(51772C) contains.

Hex(51772C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(51772C)

Conversions

Conversions Part 1

Format	Color
Hex	51772C
RGB	81, 119, 44
RGB Percent	32%, 47%, 17%
CMY	0.6824, 0.5333, 0.8275
CMYK	0.32, 0.00, 0.63, 0.53
HSL	90°, 46%, 32%
HSV	90°, 63%, 47%
XYZ	10.4448, 15.1248, 4.7518
YIQ	99.0880, 1.4270, -31.3810

Conversions

Conversions Part 2

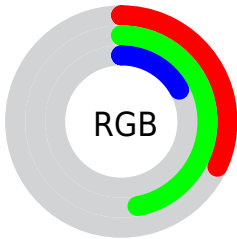
Format	Color
RYB	44, 119, 82
Decimal	5338924
CIELab	45.80, -26.91, 36.15
CIElCh	46, 45.061, 126.665
Yxy	15.1248, 0.3445, 0.4988
Android (android.graphics.Color)	4283529004 (0xFF51772C)
YUV	99.0880, -27.1584, -15.8632
Hunter-Lab	38.8907, -20.1193, 19.9793

Details

The Hex color **51772C** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **522C77**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **85AB5D**, and **1F4600** is the 20% darker color. If you saturate the color by 10%, you get **4B7720**, and if you desaturate by 10%, it is **577738**.

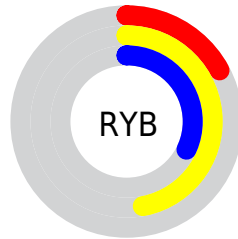
Distribution



Red (32%)

Green (47%)

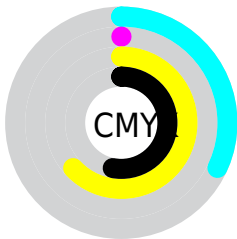
Blue (17%)



Red (17%)

Yellow (47%)

Blue (32%)

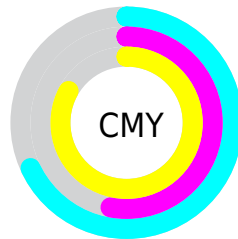


Cyan (32%)

Magenta (0%)

Yellow (63%)

Black (53%)



Cyan (68%)


Magenta (53%)


Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51772C 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 51772C by changing the saturation by 10% instead.

 51772C

 51772C


FFFFFF

 385E13

 85AB5D

 1F4600

 A0C776

 042F00

 BBE391


 001D00


 D8FFAC

 000000

 F5FFC7

 FFFFE3

 51772C

 51772C

 4B7720

 577738

■ 457714

■ 5D7744

■ 3F7708

■ 637750

■ 3B7700

■ 69775C

■ 6F7767

■ 757773

■ 7B777F

■ 81778B

■ 877797

Harmonies

Analogous

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



796D1B



51772C



037D4D

Triad

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



51772C



0078B1



B14A66

Complementary

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



51772C



522C77

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.



A1508B



51772C



2D6EB7

Square

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



51772C



007E99



795FA9



AD5141

Rectangle

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



51772C



007E67



795FA9



AE4A72

Sweetspot

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



51772C



8D9C7E



77522C



464F3D



CFCFCF



4F4F4F

Same Dimension

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



51772C



609C25



2C772C



383B35



3C7A00



7BFA00

Inverse Universe

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



522C77



61259C



772C77



38353B



3E007A



7F00FA

Previews

White Background



This preview shows how the Hex color 51772C looks on a white background.

Color Contrast Check

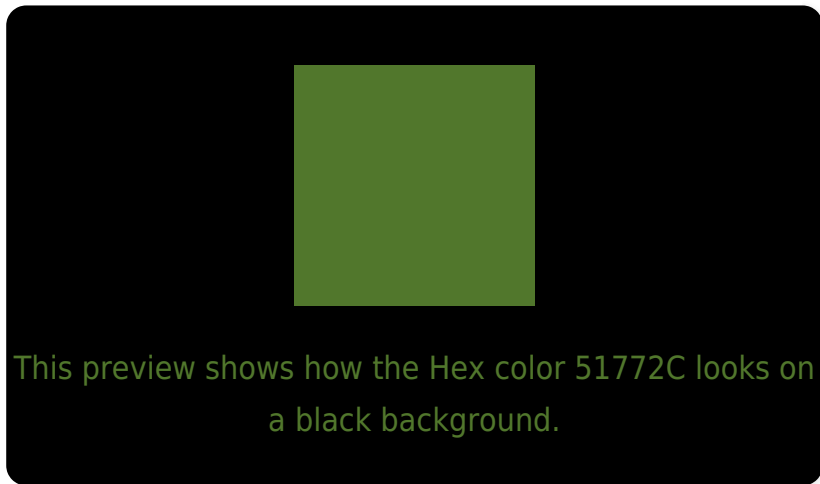
Large Text (above 18pt) WCAG AA ✓ Pass

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 51772C Background



This preview shows how black text looks on a background with the Hex color 51772C.



This preview shows how white text looks on a background with the Hex color 51772C.

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
51772C

Protanopia
796C29

Deuteranopia
866731



Tritanopia
5C6F78

Trichromacy



Original Color
51772C

Protanomaly
6A702A

Deuteranomaly
736D2F

Tritanomaly
58725C

Monochromacy



Original Color
51772C

Achromatopsia
636363

Achromatomaly
5C6A4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 51772C 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 #51772C looks like.

```
.text, #text, p{  
    color:#51772C  
}
```

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 #51772C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51772C
}
```

Border

The CSS property to change the border of an element to Hex 51772C 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".

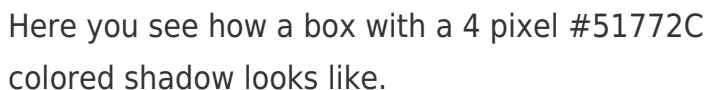
```
.border, #border, table{ border:4px solid
#51772C }
```

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

```
.border{ border-color:#51772C }
```

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

Here you see how a box with a 4 pixel #51772C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51772C; -webkit-box-shadow:4px 4px  
4px 4px #51772C; box-shadow:4px 4px 4px  
4px #51772C }
```

Background

The CSS property to change the background color of an element to Hex 51772C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51772C }
```

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

```
.background{ background-color:#51772C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor