

# Converting Colors

Hex(5C7741)

Have a look what the booklet for  
Hex(5C7741) contains.

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# Color

Hex(5C7741)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C7741
RGB	92, 119, 65
RGB Percent	36%, 47%, 25%
CMY	0.6392, 0.5333, 0.7451
CMYK	0.23, 0.00, 0.45, 0.53
HSL	90°, 29%, 36%
HSV	90°, 45%, 47%
XYZ	11.9646, 15.8506, 7.4299
YIQ	104.7710, 1.2420, -22.5180

# Conversions

## Conversions Part 2

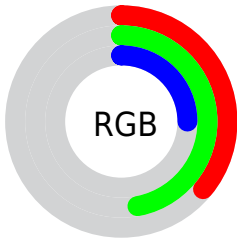
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 119, 92
Decimal	6059841
CIELab	46.78, -20.01, 26.51
CIELCh	47, 33.213, 127.044
Yxy	15.8506, 0.3395, 0.4497
Android (android.graphics.Color)	4284249921 (0xFF5C7741)
YUV	104.7710, -19.6071, -11.2002
Hunter-Lab	39.8128, -16.0295, 16.8042

# Details

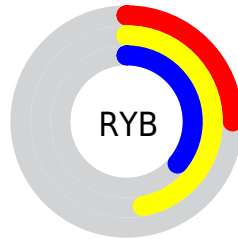
The Hex color **5C7741** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5C4177**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **8FAB72**, and **2C4614** is the 20% darker color. If you saturate the color by 10%, you get **567735**, and if you desaturate by 10%, it is **62774D**.

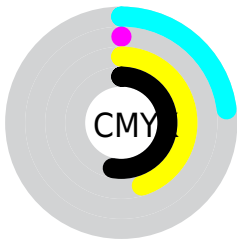
# Distribution



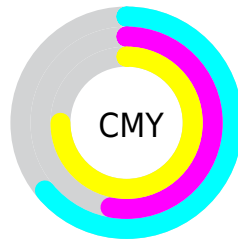
- Red (36%)
- Green (47%)
- Blue (25%)



- Red (25%)
- Yellow (47%)
- Blue (36%)



- Cyan (23%)
- Magenta (0%)
- Yellow (45%)
- Black (53%)



- Cyan (64%)
- Magenta (53%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C7741 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 5C7741 by changing the saturation by 10% instead.



 5C7741

 5C7741

FFFFFF

 445E2A

 8FAB72

 2C4614

 AAC78C

 173000

 C6E3A6

 001C00

 E2FFC2

 000000

 FFFFDE

 FFFFFA

 5C7741

 5C7741

 567735

 62774D

■ 507729

■ 687759

■ 4A771D

■ 6E7765

■ 447711

■ 747771

■ 3E7705

■ 7A777D

■ 3B7700

■ 807788

■ 867794

■ 8C77A0

■ 9277AC

# Harmonies

## Analogous

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



7A6F36



5C7741



377C58

# Triad

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



5C7741



0078A2



A45869

# Complementary

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



5C7741



5C4177

# 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.



975C85



5C7741



4E70A6

# Square

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



5C7741



007C90



7A659B



A15C4F

# Rectangle

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



5C7741



0D7D6B



7A659B



A15873



# Sweetspot

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



5C7741



919C86



775C41



484F42



CFCFCF



4F4F4F



# Same Dimension

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



5C7741



729C48



417741



383B35



3D7A00



7DFA00



# Inverse Universe

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



5C4177



72489C



774177



38353B



3D007A



7D00FA



# Previews

## White Background



This preview shows how the Hex color 5C7741 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

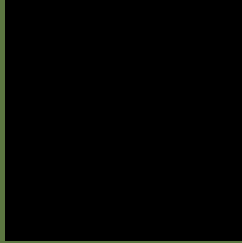
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C7741 Background



This preview shows how black text looks on a background with the Hex color 5C7741.



This preview shows how white text looks on a background with the Hex color 5C7741.

# 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**  
5C7741

**Protanopia**  
796F3E

**Deuteranopia**  
866A44



**Tritanopia**  
64717A

# Trichromacy



**Original Color**  
5C7741

**Protanomaly**  
6E723F

**Deuteranomaly**  
776F43

**Tritanomaly**  
617365

# Monochromacy



**Original Color**  
5C7741

**Achromatopsia**  
696969

**Achromatomaly**  
646E5A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C7741 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 #5C7741 looks like.

```
.text, #text, p{  
    color:#5C7741  
}
```

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 #5C7741 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C7741
}
```

## Border

The CSS property to change the border of an element to Hex 5C7741 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
#5C7741 }
```

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

```
.border{ border-color:#5C7741 }
```

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

Here you see how a box with a 4 pixel #5C7741 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C7741; -webkit-box-shadow:4px 4px  
4px 4px #5C7741; box-shadow:4px 4px 4px  
4px #5C7741 }
```

# Background

The CSS property to change the background color of an element to Hex 5C7741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C7741 }
```

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

```
.background{ background-color:#5C7741 }
```

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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