

# Converting Colors

Hex(5C6747)

Have a look what the booklet for  
Hex(5C6747) contains.

|  |    |
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**Color**

**Hex(5C6747)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 5C6747                    |
| RGB           | 92, 103, 71               |
| RGB Percent   | 36%, 40%, 28%             |
| CMY           | 0.6392, 0.5961, 0.7216    |
| CMYK          | 0.11, 0.00, 0.31, 0.60    |
| HSL           | 81°, 18%, 34%             |
| HSV           | 81°, 31%, 40%             |
| XYZ           | 10.4012, 12.4307, 7.8124  |
| YIQ           | 96.0630, 3.7160, -12.2840 |

# Conversions

## Conversions Part 2

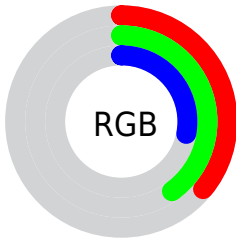
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 71, 103, 82                   |
| Decimal                             | 6055751                       |
| CIELab                              | 41.89, -10.38, 16.71          |
| CIELCh                              | 42, 19.669, 121.849           |
| Yxy                                 | 12.4307, 0.3394,<br>0.4056    |
| Android<br>(android.graphics.Color) | 4284245831<br>(0xFF5C6747)    |
| YUV                                 | 96.0630, -12.3561,<br>-3.5633 |
| Hunter-Lab                          | 35.2573, -9.0411,<br>11.5424  |

# Details

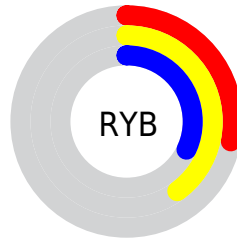
The Hex color **5C6747** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **524767**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8F9A78**, and **2E381B** is the 20% darker color. If you saturate the color by 10%, you get **58673D**, and if you desaturate by 10%, it is **606751**.

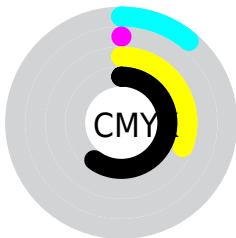
# Distribution



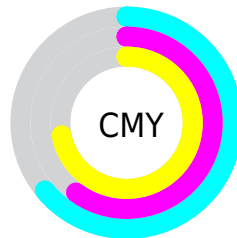
- Red (36%)
- Green (40%)
- Blue (28%)



- Red (28%)
- Yellow (40%)
- Blue (32%)



- Cyan (11%)
- Magenta (0%)
- Yellow (31%)
- Black (60%)



- Cyan (64%)
- Magenta (60%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C6747 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 5C6747 by changing the saturation by 10% instead.





5C6747



5C6747

FFFFFF



444F30



8F9A78



2E381B



A9B591



192302



C5D0AC



000D00



E1EDC7



000000



FDFFE4



5C6747



5C6747



58673D



606751



556732



63675C

■ 516728

■ 676766

■ 4E671E

■ 6A6770

■ 4A6714

■ 6E677B

■ 476709

■ 716785

■ 446700

■ 75678F

■ 786799

■ 7C67A4

# Harmonies

## Analogous

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



6D6242



5C6747



496A53

# Triad

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



5C6747



39697F



825762

# Complementary

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



5C6747



524767

# 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.



785972



5C6747



4F6483

# Square

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



5C6747



306B73



665E7E



835853

# Rectangle

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



5C6747



3D6C5E



665E7E



805768



# Sweetspot

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



5C6747



83877B



675247



42453D



C4C4C4



454545



# Same Dimension

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



5C6747



768755



4C6747



31332E



4B7300



9FF200



# Inverse Universe

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



524767



665587



624767



302E33



270073



5300F2



# Previews

## White Background



This preview shows how the Hex color 5C6747 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

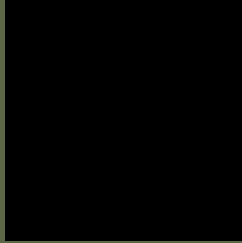
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C6747 Background



This preview shows how black text looks on a background with the Hex color 5C6747.



This preview shows how white text looks on a background with the Hex color 5C6747.

# 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**  
5C6747

**Protanopia**  
6B6345

**Deuteranopia**  
755F49



**Tritanopia**  
61636A

# Trichromacy



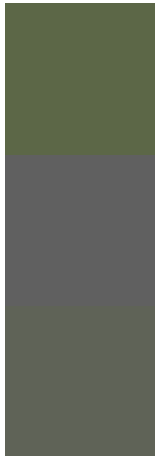
**Original Color**  
5C6747

**Protanomaly**  
666446

**Deuteranomaly**  
6C6248

**Tritanomaly**  
5F645D

# Monochromacy



**Original Color**  
5C6747

**Achromatopsia**  
606060

**Achromatomaly**  
5F6357

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C6747 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 #5C6747 looks like.

```
.text, #text, p{  
    color:#5C6747  
}
```

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 #5C6747 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C6747
}
```

## Border

The CSS property to change the border of an element to Hex 5C6747 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
#5C6747 }
```

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

```
.border{ border-color:#5C6747 }
```

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

Here you see how a box with a 4 pixel #5C6747 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C6747; -webkit-box-shadow:4px 4px  
4px 4px #5C6747; box-shadow:4px 4px 4px  
4px #5C6747 }
```

# Background

The CSS property to change the background color of an element to Hex 5C6747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C6747 }
```

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

```
.background{ background-color:#5C6747 }
```

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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