

# Converting Colors

Hex(5C6841)

Have a look what the booklet for  
Hex(5C6841) contains.

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# Color

**Hex(5C6841)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C6841
RGB	92, 104, 65
RGB Percent	36%, 41%, 25%
CMY	0.6392, 0.5922, 0.7451
CMYK	0.12, 0.00, 0.38, 0.59
HSL	78°, 23%, 33%
HSV	78°, 38%, 41%
XYZ	10.3181, 12.5576, 6.8811
YIQ	95.9660, 5.3670, -14.6730

# Conversions

## Conversions Part 2

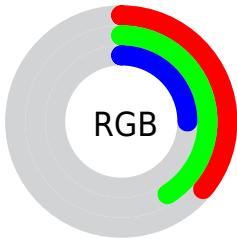
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 104, 77
Decimal	6056001
CIELab	42.09, -11.86, 20.49
CIELCh	42, 23.676, 120.072
Yxy	12.5576, 0.3467, 0.4220
Android (android.graphics.Color)	4284246081 (0xFF5C6841)
YUV	95.9660, -15.2662, -3.4782
Hunter-Lab	35.4367, -10.0405, 13.2928

# Details

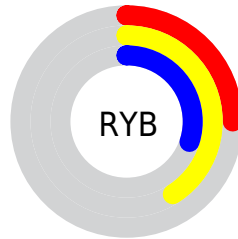
The Hex color **5C6841** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4D4168**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8F9B71**, and **2D3915** is the 20% darker color. If you saturate the color by 10%, you get **596837**, and if you desaturate by 10%, it is **5F684B**.

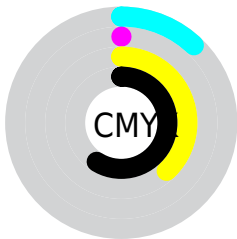
# Distribution



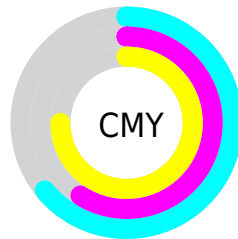
- Red (36%)
- Green (41%)
- Blue (25%)



- Red (25%)
- Yellow (41%)
- Blue (30%)



- Cyan (12%)
- Magenta (0%)
- Yellow (38%)
- Black (59%)



- Cyan (64%)
- Magenta (59%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C6841 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 5C6841 by changing the saturation by 10% instead.



 5C6841

 5C6841

FFFFFF

 44502A

 8F9B71

 2D3915

 A9B68B

 1A2300

 C5D2A5

 000E00

 E1EEC1

 000000

 FEFFDD

 FFFFF9

 5C6841

 5C6841

 596837

 5F684B

■ 56682C

■ 626856

■ 526822

■ 666860

■ 4F6817

■ 69686B

■ 4C680D

■ 6C6875

■ 496803

■ 6F687F

■ 486800

■ 72688A

■ 766894

■ 79689F

# Harmonies

## Analogous

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



70623C



5C6841



456C4F

# Triad

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



5C6841



296A85



885464

# Complementary

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



5C6841



4D4168

# 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.



7C5877



5C6841



48658A

# Square

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



5C6841



1B6D76



665E85



895651

# Rectangle

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



5C6841



356D5C



665E85



85556B



# Sweetspot

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



5C6841



838778



684D41



42453C



C4C4C4



454545



# Same Dimension

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



5C6841



74874A



496841



31332E



4F7300



A8F200



# Inverse Universe

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



4D4168



5D4A87



604168



2F2E33



230073



4B00F2



# Previews

## White Background



This preview shows how the Hex color 5C6841 looks on a white background.

## Color Contrast Check

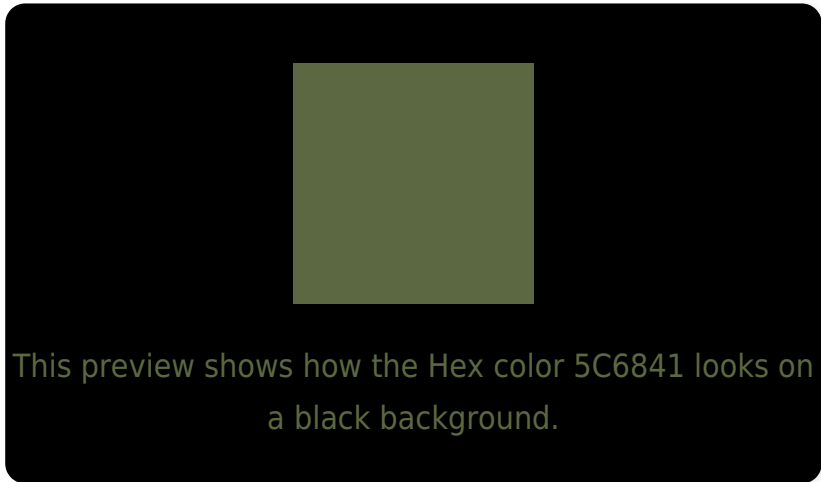
Large Text (above 18pt) WCAG AA ✓ Pass

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

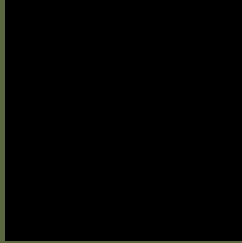
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C6841 Background



This preview shows how black text looks on a background with the Hex color 5C6841.



This preview shows how white text looks on a background with the Hex color 5C6841.

# 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**  
5C6841

**Protanopia**  
6C633F

**Deuteranopia**  
775F43



**Tritanopia**  
62636B

# Trichromacy



**Original Color**  
5C6841

**Protanomaly**  
666540

**Deuteranomaly**  
6D6242

**Tritanomaly**  
60655C

# Monochromacy



**Original Color**  
5C6841

**Achromatopsia**  
606060

**Achromatomaly**  
5F6355

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C6841 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 #5C6841 looks like.

```
.text, #text, p{  
    color:#5C6841  
}
```

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 #5C6841 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C6841
}
```

## Border

The CSS property to change the border of an element to Hex 5C6841 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
#5C6841 }
```

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

```
.border{ border-color:#5C6841 }
```

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

Here you see how a box with a 4 pixel #5C6841 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C6841; -webkit-box-shadow:4px 4px  
4px 4px #5C6841; box-shadow:4px 4px 4px  
4px #5C6841 }
```

# Background

The CSS property to change the background color of an element to Hex 5C6841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C6841 }
```

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

```
.background{ background-color:#5C6841 }
```

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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