

# Converting Colors

Hex(5C6830)

Have a look what the booklet for  
Hex(5C6830) contains.

<b>Hex(5C6830)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(5C6830)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C6830
RGB	92, 104, 48
RGB Percent	36%, 41%, 19%
CMY	0.6392, 0.5922, 0.8118
CMYK	0.12, 0.00, 0.54, 0.59
HSL	73°, 37%, 30%
HSV	73°, 54%, 41%
XYZ	9.8974, 12.3893, 4.6660
YIQ	94.0280, 10.8240, -19.9600

# Conversions

## Conversions Part 2

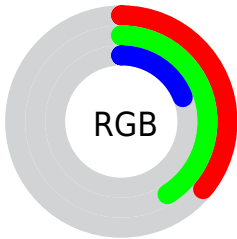
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 104, 60
Decimal	6055984
CIELab	41.83, -14.03, 29.72
CIELCh	42, 32.860, 115.269
Yxy	12.3893, 0.3672, 0.4597
Android (android.graphics.Color)	4284246064 (0xFF5C6830)
YUV	94.0280, -22.6918, -1.7786
Hunter-Lab	35.1985, -11.4050, 16.7793

# Details

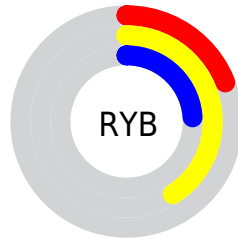
The Hex color **5C6830** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3C3068**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8F9B60**, and **2C3901** is the 20% darker color. If you saturate the color by 10%, you get **5A6826**, and if you desaturate by 10%, it is **5E683A**.

# Distribution



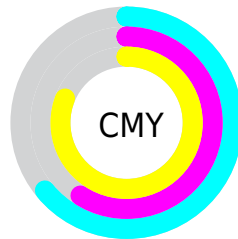
- Red (36%)
- Green (41%)
- Blue (19%)



- Red (19%)
- Yellow (41%)
- Blue (24%)



- Cyan (12%)
- Magenta (0%)
- Yellow (54%)
- Black (59%)



- Cyan (64%)
- Magenta (59%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C6830 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 5C6830 by changing the saturation by 10% instead.



 5C6830

 5C6830

FFFFFF

 445019

 8F9B60

 2C3901

 AAB679

 162300

 C6D293

 000C00

 E2EEAE

 000000

 FFFFCA

 FFFF E6

 5C6830

 5C6830

 5A6826

 5E683A

■ 58681B

■ 606845

■ 556811

■ 63684F

■ 536806

■ 65685A

■ 526800

■ 676864

■ 69686E

■ 6C6879

■ 6E6883

■ 70688E

# Harmonies

## Analogous

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



77602C



5C6830



3B6E43

# Triad

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



5C6830



006D8E



924C68

# Complementary

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



5C6830



3C3068

# 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.



805382



5C6830



286798

# Square

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



5C6830



007079



5E5D94



954E4D

# Rectangle

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



5C6830



1C7054



5E5D94



8E4E71



# Sweetspot

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



5C6830



838772



683B30



424538



C4C4C4



454545



# Same Dimension

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



5C6830



74872F



416830



32332E



5A7300



BEF200



# Inverse Universe

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



3C3068



422F87



573068



2F2E33



190073



3400F2



# Previews

## White Background



This preview shows how the Hex color 5C6830 looks on a white background.

## Color Contrast Check

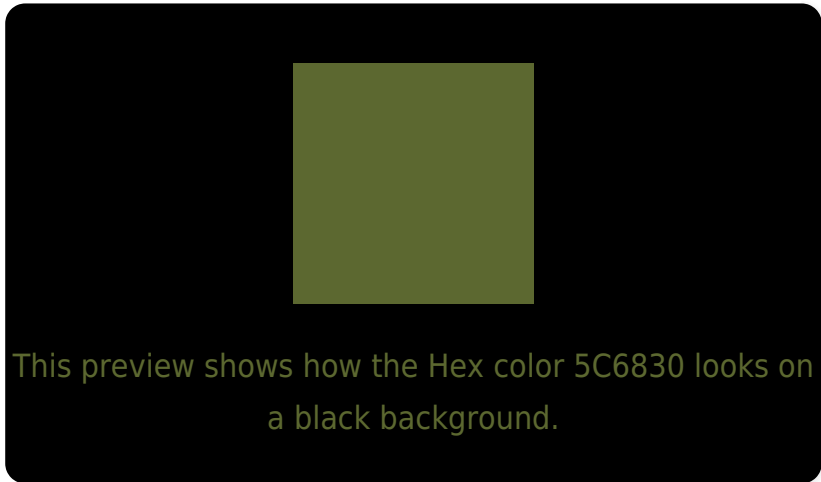
Large Text (above 18pt) WCAG AA ✓ Pass

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

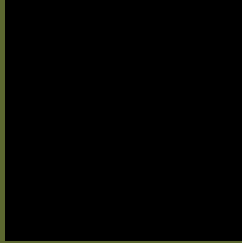
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

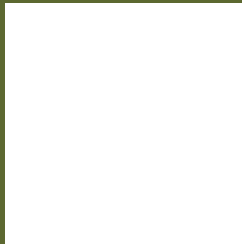
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5C6830 Background



This preview shows how black text looks on a background with the Hex color 5C6830.



This preview shows how white text looks on a background with the Hex color 5C6830.

# 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**  
5C6830

**Protanopia**  
6D632E

**Deuteranopia**  
795E33



**Tritanopia**  
63626A

# Trichromacy



**Original Color**  
5C6830

**Protanomaly**  
67652F

**Deuteranomaly**  
6E6232

**Tritanomaly**  
606455

# Monochromacy



**Original Color**  
5C6830

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
5D624D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C6830 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 #5C6830 looks like.

```
.text, #text, p{  
    color:#5C6830  
}
```

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 #5C6830 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C6830
}
```

## Border

The CSS property to change the border of an element to Hex 5C6830 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
#5C6830 }
```

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

```
.border{ border-color:#5C6830 }
```

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

Here you see how a box with a 4 pixel #5C6830 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C6830; -webkit-box-shadow:4px 4px  
4px 4px #5C6830; box-shadow:4px 4px 4px  
4px #5C6830 }
```

# Background

The CSS property to change the background color of an element to Hex 5C6830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C6830 }
```

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

```
.background{ background-color:#5C6830 }
```

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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