

# Converting Colors

Hex(6C5947)

Have a look what the booklet for  
Hex(6C5947) contains.

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**Color**

**Hex(6C5947)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C5947
RGB	108, 89, 71
RGB Percent	42%, 35%, 28%
CMY	0.5765, 0.6510, 0.7216
CMYK	0.00, 0.18, 0.34, 0.58
HSL	29°, 21%, 35%
HSV	29°, 34%, 42%
XYZ	10.8941, 10.7878, 7.4693
YIQ	92.6290, 17.1020, -1.5700

# Conversions

## Conversions Part 2

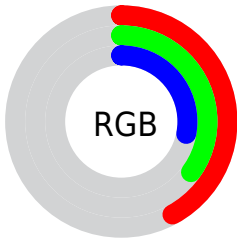
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 106, 71
Decimal	7100743
CIELab	39.22, 4.86, 13.34
CIELCh	39, 14.193, 69.990
Yxy	10.7878, 0.3737, 0.3701
Android (android.graphics.Color)	4285290823 (0xFF6C5947)
YUV	92.6290, -10.6631, 13.4804
Hunter-Lab	32.8448, 1.7268, 9.5081

# Details

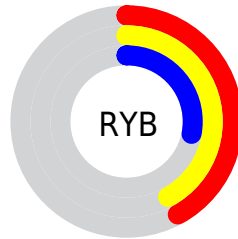
The Hex color **6C5947** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **475A6C**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **A08B77**, and **3C2C1B** is the 20% darker color. If you saturate the color by 10%, you get **6C533C**, and if you desaturate by 10%, it is **6C5F52**.

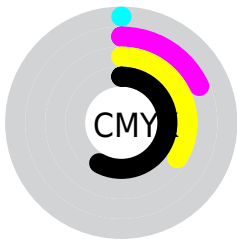
# Distribution



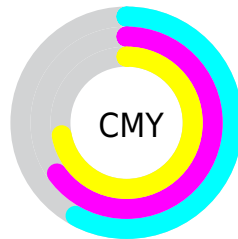
- Red (42%)
- Green (35%)
- Blue (28%)



- Red (42%)
- Yellow (42%)
- Blue (28%)



- Cyan (0%)
- Magenta (18%)
- Yellow (34%)
- Black (58%)



- Cyan (58%)
- Magenta (65%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C5947 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 6C5947 by changing the saturation by 10% instead.



 6C5947

 6C5947

FFFFFF

 534230

 A08B77

 3C2C1B

 BBA591

 261701

 D7C0AC

 040000

 F4DCC7

 000000

 FFF9E3

 6C5947

 6C5947

 6C533C

 6C5F52

 6C4E31

 6C645D

■ 6C4827

■ 6C6A67

■ 6C431C

■ 6C6F72

■ 6C3D11

■ 6C757D

■ 6C3806

■ 6C7A88

■ 6C3500

■ 6C8093

■ 6C859D

■ 6C8BA8

# Harmonies

## Analogous

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



73564E



6C5947



615D46

# Triad

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



6C5947



3E6360



63586E

# Complementary

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



6C5947



475A6C

# 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.



545C73



6C5947



3C626B

# Square

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



6C5947



476254



456072



6F5565

# Rectangle

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



6C5947



595F48



456072



5E5970



# Sweetspot

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



6C5947



8C857E



6C475A



47433F



C7C7C7



474747



# Same Dimension

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



6C5947



8C6F53



6C6B47



363330



753900



F57700



# Inverse Universe

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



475A6C



53708C



47486C



303336



003C75

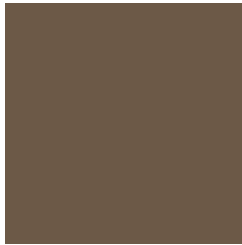


007EF5



# Previews

## White Background



This preview shows how the Hex color 6C5947 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

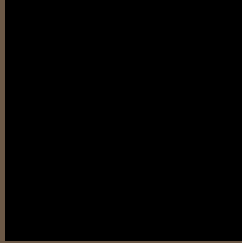
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6C5947 Background



This preview shows how black text looks on a background with the Hex color 6C5947.



This preview shows how white text looks on a background with the Hex color 6C5947.

# 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**  
6C5947

**Protanopia**  
635C49

**Deuteranopia**  
6D5947



**Tritanopia**  
6E565D

# Trichromacy



**Original Color**  
6C5947

**Protanomaly**  
665B48

**Deuteranomaly**  
6D5947

**Tritanomaly**  
6D5755

# Monochromacy



**Original Color**  
6C5947

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
625C55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C5947 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 #6C5947 looks like.

```
.text, #text, p{  
    color:#6C5947  
}
```

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 #6C5947 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C5947
}
```

## Border

The CSS property to change the border of an element to Hex 6C5947 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
#6C5947 }
```

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

```
.border{ border-color:#6C5947 }
```

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

Here you see how a box with a 4 pixel #6C5947 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C5947; -webkit-box-shadow:4px 4px  
4px 4px #6C5947; box-shadow:4px 4px 4px  
4px #6C5947 }
```

# Background

The CSS property to change the background color of an element to Hex 6C5947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C5947 }
```

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

```
.background{ background-color:#6C5947 }
```

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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