

# Converting Colors

Hex(6C6A47)

Have a look what the booklet for  
Hex(6C6A47) contains.

<b>Hex(6C6A47)</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(6C6A47)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6C6A47
RGB	108, 106, 71
RGB Percent	42%, 42%, 28%
CMY	0.5765, 0.5843, 0.7216
CMYK	0.00, 0.02, 0.34, 0.58
HSL	57°, 21%, 35%
HSV	57°, 34%, 42%
XYZ	12.4757, 13.9511, 7.9965
YIQ	102.6080, 12.4270, -10.4610

# Conversions

## Conversions Part 2

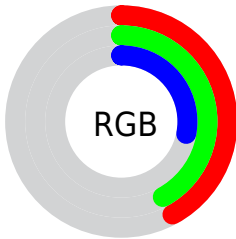
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 108, 71
Decimal	7105095
CIELab	44.16, -5.22, 19.97
CIELCh	44, 20.644, 104.641
Yxy	13.9511, 0.3624, 0.4053
Android (android.graphics.Color)	4285295175 (0xFF6C6A47)
YUV	102.6080, -15.5827, 4.7288
Hunter-Lab	37.3512, -5.7438, 13.4524

# Details

The Hex color **6C6A47** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **47496C**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **A09D78**, and **3C3B1B** is the 20% darker color. If you saturate the color by 10%, you get **6C693C**, and if you desaturate by 10%, it is **6C6B52**.

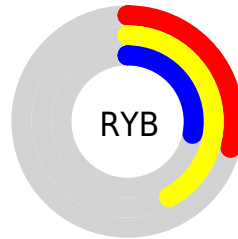
# Distribution



Red (42%)

Green (42%)

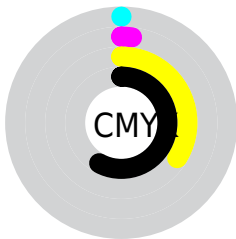
Blue (28%)



Red (29%)

Yellow (42%)

Blue (28%)

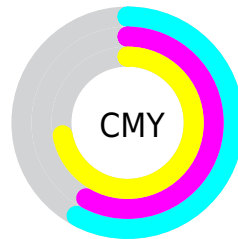


Cyan (0%)

Magenta (2%)

Yellow (34%)

Black (58%)



Cyan (58%)

Magenta (58%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C6A47 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 6C6A47 by changing the saturation by 10% instead.





6C6A47



6C6A47

FFFFFF



535230



A09D78



3C3B1B



BBB892



262502



D7D4AC



0A1100



F4F0C8



000000



FFFFE4



6C6A47



6C6A47



6C693C



6C6B52



6C6931



6C6B5D

 6C6827

 6C6C67

 6C681C

 6C6C72

 6C6711

 6C6D7D

 6C6606

 6C6E88

 6C6600

 6C6E93

 6C6F9D

 6C6FA8

# Harmonies

## Analogous

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



7C6448



6C6A47



596F50

# Triad

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



6C6A47



347080



855D72

# Complementary

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



6C6A47



47496C

# 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.



756181



6C6A47



466D89

# Square

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



6C6A47



357270



5F6789



8B5C61

# Rectangle

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



6C6A47



4B7159



5F6789



815E77



# Sweetspot

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



6C6A47



8C8B7E



6C4749



47473F



C7C7C7



474747



# Same Dimension

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



6C6A47



8C8953



5C6C47



363530



756F00



F5E800



# Inverse Universe

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



47496C



53568C



57476C



303036



000675



000DF5



# Previews

## White Background



This preview shows how the Hex color 6C6A47 looks on a white background.

## Color Contrast Check

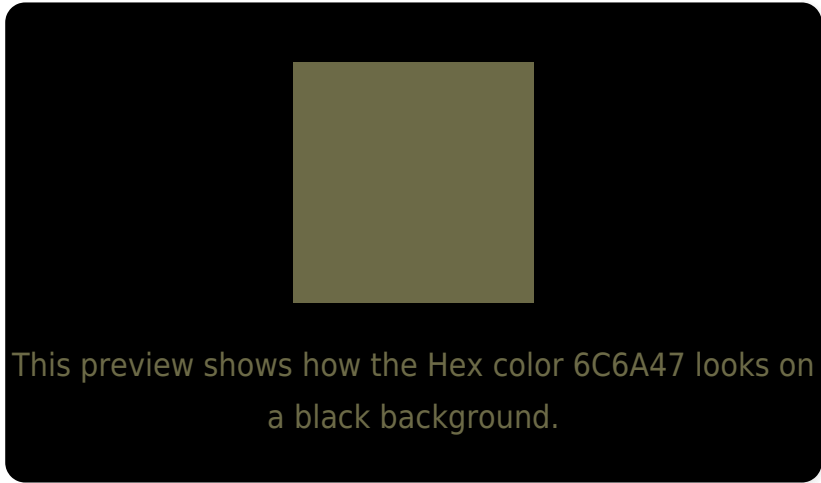
Large Text (above 18pt) WCAG AA ✓ Pass

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

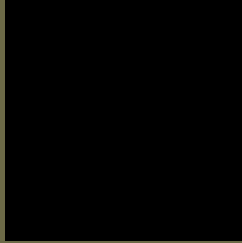
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6C6A47 Background



This preview shows how black text looks on a background with the Hex color 6C6A47.



This preview shows how white text looks on a background with the Hex color 6C6A47.

# 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**  
6C6A47

**Protanopia**  
716846

**Deuteranopia**  
7D6448



**Tritanopia**  
70656D

# Trichromacy



**Original Color**  
6C6A47

**Protanomaly**  
6F6946

**Deuteranomaly**  
776648

**Tritanomaly**  
6F675F

# Monochromacy



**Original Color**  
6C6A47

**Achromatopsia**  
676767

**Achromatomaly**  
69685B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C6A47 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 #6C6A47 looks like.

```
.text, #text, p{  
  color:#6C6A47  
}
```

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 #6C6A47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C6A47
}
```

## Border

The CSS property to change the border of an element to Hex 6C6A47 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
#6C6A47 }
```

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

```
.border{ border-color:#6C6A47 }
```

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

Here you see how a box with a 4 pixel #6C6A47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C6A47; -webkit-box-shadow:4px 4px  
4px 4px #6C6A47; box-shadow:4px 4px 4px  
4px #6C6A47 }
```

# Background

The CSS property to change the background color of an element to Hex 6C6A47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C6A47 }
```

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

```
.background{ background-color:#6C6A47 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor