

# Converting Colors

Hex(6D6F3C)

Have a look what the booklet for  
Hex(6D6F3C) contains.

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**Color**

**Hex(6D6F3C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D6F3C
RGB	109, 111, 60
RGB Percent	43%, 44%, 24%
CMY	0.5725, 0.5647, 0.7647
CMYK	0.02, 0.00, 0.46, 0.56
HSL	62°, 30%, 34%
HSV	62°, 46%, 44%
XYZ	12.8067, 14.9463, 6.4849
YIQ	104.5880, 15.1790, -16.2850

# Conversions

## Conversions Part 2

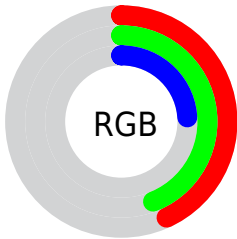
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 111, 62
Decimal	7171900
CIELab	45.56, -9.02, 28.03
CIElCh	46, 29.448, 107.827
Yxy	14.9463, 0.3741, 0.4365
Android (android.graphics.Color)	4285361980 (0xFF6D6F3C)
YUV	104.5880, -21.9819, 3.8693
Hunter-Lab	38.6605, -8.5257, 17.1170

# Details

The Hex color **6D6F3C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3E3C6F**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **A2A36C**, and **3C3F0F** is the 20% darker color. If you saturate the color by 10%, you get **6D6F31**, and if you desaturate by 10%, it is **6D6F47**.

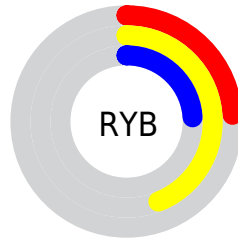
# Distribution



Red (43%)

Green (44%)

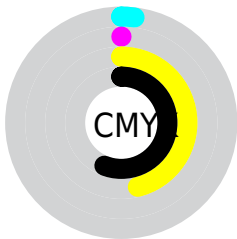
Blue (24%)



Red (24%)

Yellow (44%)

Blue (24%)

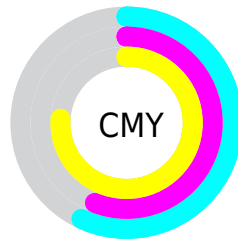


Cyan (2%)

Magenta (0%)

Yellow (46%)

Black (56%)



Cyan (57%)

Magenta (56%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D6F3C 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 6D6F3C by changing the saturation by 10% instead.





6D6F3C



6D6F3C

FFFFFF



545725



A2A36C



3C3F0F



BDBE86



262A00



D9D9A1



081600



F6F6BC



000000



FFFFD8



FFFFF4



6D6F3C



6D6F3C



6D6F31



6D6F47

 6C6F26

 6E6F52

 6C6F1B

 6E6F5D

 6B6F10

 6F6F68

 6B6F04

 6F6F74

 6B6F00

 706F7F

 706F8A

 706F95

 716FA0

# Harmonies

## Analogous

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



84673C



6D6F3C



51754A

# Triad

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



6D6F3C



007790



955977

# Complementary

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



6D6F3C



3E3C6F

# 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.



81608D



6D6F3C



32719C

# Square

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



6D6F3C



00797A



5F699B



9C595E

# Rectangle

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



6D6F3C



3C7758



5F699B



905B7F



# Sweetspot

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



6D6F3C



91917D



6F3E3C



494A3D



C9C9C9



4A4A4A



# Same Dimension

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



6D6F3C



8E9141



546F3C



383832



737800



EEF700



# Inverse Universe

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



3E3C6F



454191



573C6F



333238



050078



0A00F7



# Previews

## White Background



This preview shows how the Hex color 6D6F3C looks on a white background.

## Color Contrast Check

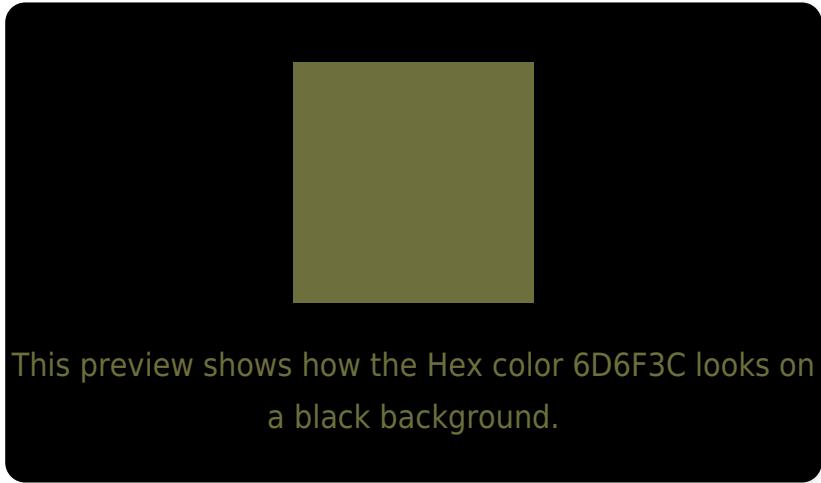
Large Text (above 18pt) WCAG AA ✓ Pass

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

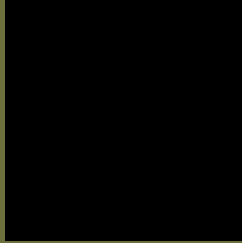
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D6F3C Background



This preview shows how black text looks on a background with the Hex color 6D6F3C.



This preview shows how white text looks on a background with the Hex color 6D6F3C.

# 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](#).

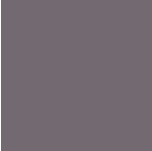
## Dichromacy



**Original Color**  
6D6F3C

**Protanopia**  
776C3B

**Deuteranopia**  
83673E



**Tritanopia**  
736971

# Trichromacy



**Original Color**  
6D6F3C

**Protanomaly**  
736D3B

**Deuteranomaly**  
7B6A3D

**Tritanomaly**  
716B5E

# Monochromacy



**Original Color**  
6D6F3C

**Achromatopsia**  
696969

**Achromatomaly**  
6A6B59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D6F3C 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 #6D6F3C looks like.

```
.text, #text, p{  
    color:#6D6F3C  
}
```

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 #6D6F3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D6F3C
}
```

## Border

The CSS property to change the border of an element to Hex 6D6F3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

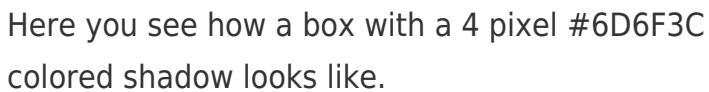
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D6F3C }
```

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

```
.border{ border-color:#6D6F3C }
```

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



Here you see how a box with a 4 pixel #6D6F3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D6F3C; -webkit-box-shadow:4px 4px  
4px 4px #6D6F3C; box-shadow:4px 4px 4px  
4px #6D6F3C }
```

# Background

The CSS property to change the background color of an element to Hex 6D6F3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D6F3C }
```

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

```
.background{ background-color:#6D6F3C }
```

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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