

# Converting Colors

Hex(6F6D45)

Have a look what the booklet for  
Hex(6F6D45) contains.

<b>Hex(6F6D45)</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(6F6D45)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6F6D45
RGB	111, 109, 69
RGB Percent	44%, 43%, 27%
CMY	0.5647, 0.5725, 0.7294
CMYK	0.00, 0.02, 0.38, 0.56
HSL	57°, 23%, 35%
HSV	57°, 38%, 44%
XYZ	13.0984, 14.7465, 7.7862
YIQ	105.0380, 14.0320, -12.0160

# Conversions

## Conversions Part 2

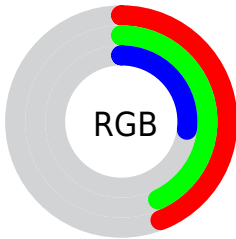
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 111, 69
Decimal	7302469
CIE Lab	45.28, -5.90, 22.65
CIE LCh	45, 23.404, 104.591
Yxy	14.7465, 0.3676, 0.4139
Android (android.graphics.Color)	4285492549 (0xFF6F6D45)
YUV	105.0380, -17.7667, 5.2287
Hunter-Lab	38.4011, -6.3168, 14.8591

# Details

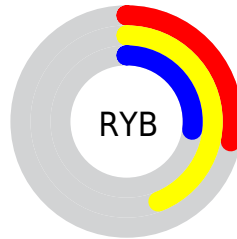
The Hex color **6F6D45** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **45476F**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **A3A076**, and **3E3E18** is the 20% darker color. If you saturate the color by 10%, you get **6F6C3A**, and if you desaturate by 10%, it is **6F6E50**.

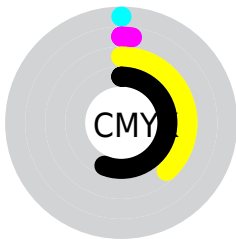
# Distribution



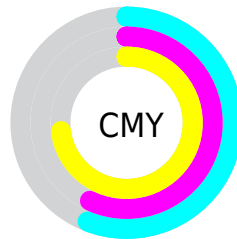
- Red (44%)
- Green (43%)
- Blue (27%)



- Red (28%)
- Yellow (44%)
- Blue (27%)



- Cyan (0%)
- Magenta (2%)
- Yellow (38%)
- Black (56%)



- Cyan (56%)
- Magenta (57%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F6D45 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 6F6D45 by changing the saturation by 10% instead.





6F6D45



6F6D45

FFFFFF



56552E



A3A076



3E3E18



BFBB90



282800



DBD7AA



0E1400



F8F3C6



000000



FFFFE2

FFFFFFE



6F6D45



6F6D45



6F6C3A



6F6E50

■ 6F6C2F

■ 6F6E5B

■ 6F6B24

■ 6F6F66

■ 6F6B19

■ 6F6F71

■ 6F6A0D

■ 6F707C

■ 6F6A02

■ 6F7088

■ 6F6A00

■ 6F7193

■ 6F719E

■ 6F72A9

# Harmonies

## Analogous

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



826646



6F6D45



59724F

# Triad

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



6F6D45



2A7486



8B5E76

# Complementary

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



6F6D45



45476F

# 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.



7A6387



6F6D45



417090

# Square

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



6F6D45



2D7674



5F6A91



925D62

# Rectangle

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



6F6D45



4A745A



5F6A91



875F7C



# Sweetspot

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



6F6D45



919181



6F4547



4A4940



C9C9C9



4A4A4A



# Same Dimension

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



6F6D45



918E50



5C6F45



383832



787200



F7EC00



# Inverse Universe

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



45476F



505391



58456F



323338



000678



000CF7



# Previews

## White Background



This preview shows how the Hex color 6F6D45 looks on a white background.

## Color Contrast Check

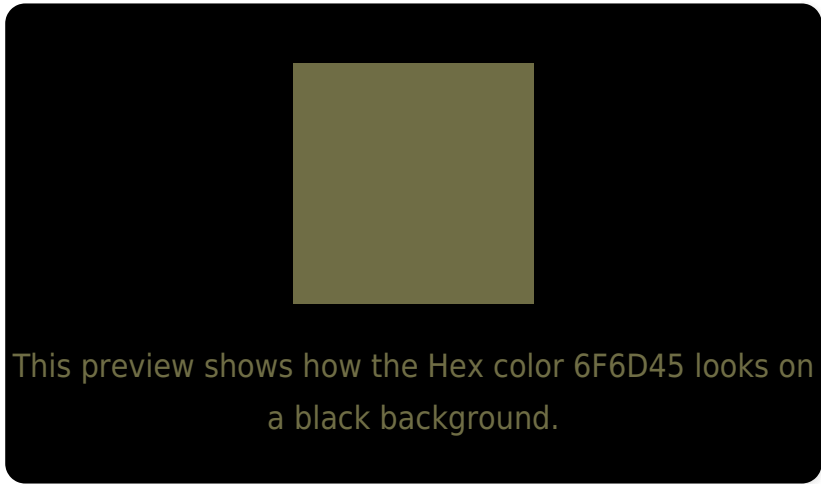
Large Text (above 18pt) WCAG AA ✓ Pass

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

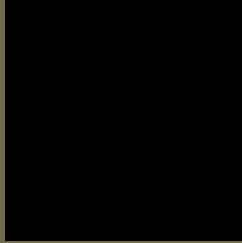
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F6D45 Background



This preview shows how black text looks on a background with the Hex color 6F6D45.



This preview shows how white text looks on a background with the Hex color 6F6D45.

# 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**  
6F6D45

**Protanopia**  
756B44

**Deuteranopia**  
816646



**Tritanopia**  
746870

# Trichromacy



**Original Color**  
6F6D45

**Protanomaly**  
736C44

**Deuteranomaly**  
7A6946

**Tritanomaly**  
726A60

# Monochromacy



**Original Color**  
6F6D45

**Achromatopsia**  
696969

**Achromatomaly**  
6B6A5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F6D45 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 #6F6D45 looks like.

```
.text, #text, p{  
    color:#6F6D45  
}
```

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 #6F6D45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F6D45
}
```

## Border

The CSS property to change the border of an element to Hex 6F6D45 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
#6F6D45 }
```

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

```
.border{ border-color:#6F6D45 }
```

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

Here you see how a box with a 4 pixel #6F6D45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F6D45; -webkit-box-shadow:4px 4px  
4px 4px #6F6D45; box-shadow:4px 4px 4px  
4px #6F6D45 }
```

# Background

The CSS property to change the background color of an element to Hex 6F6D45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F6D45 }
```

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

```
.background{ background-color:#6F6D45 }
```

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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