

# Converting Colors

Hex(6B674D)

Have a look what the booklet for  
Hex(6B674D) contains.

<b>Hex(6B674D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(6B674D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B674D
RGB	107, 103, 77
RGB Percent	42%, 40%, 30%
CMY	0.5804, 0.5961, 0.6980
CMYK	0.00, 0.04, 0.28, 0.58
HSL	52°, 16%, 36%
HSV	52°, 28%, 42%
XYZ	12.2532, 13.3621, 8.9545
YIQ	101.2320, 10.7300, -7.2380

# Conversions

## Conversions Part 2

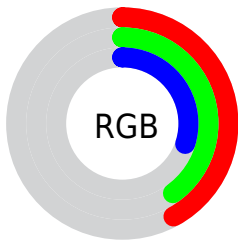
Format	Color
R <sub>Y</sub> B	82, 107, 77
Decimal	7038797
CIE Lab	43.30, -3.04, 15.27
CIE LCh	43, 15.573, 101.240
Yxy	13.3621, 0.3544, 0.3865
Android (android.graphics.Color)	4285228877 (0xFF6B674D)
YUV	101.2320, -11.9464, 5.0585
Hunter-Lab	36.5542, -4.1356, 11.0640

# Details

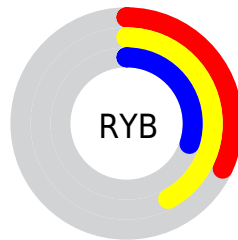
The Hex color **6B674D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4D516B**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **9F9A7E**, and **3B3820** is the 20% darker color. If you saturate the color by 10%, you get **6B6642**, and if you desaturate by 10%, it is **6B6858**.

# Distribution



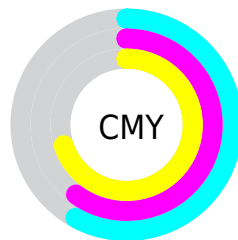
- Red (42%)
- Green (40%)
- Blue (30%)



- Red (32%)
- Yellow (42%)
- Blue (30%)



- Cyan (0%)
- Magenta (4%)
- Yellow (28%)
- Black (58%)



- Cyan (58%)
- Magenta (60%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B674D 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 6B674D by changing the saturation by 10% instead.





6B674D



6B674D

FFFFFF



534F36



9F9A7E



3B3820



BAB598



25230A



D6D0B3



0B0E00



F2EDCE



000000



FFFFEB



6B674D



6B674D



6B6642



6B6858



6B6438



6B6A62

■ 6B632D

■ 6B6B6D

■ 6B6122

■ 6B6D78

■ 6B6017

■ 6B6E83

■ 6B5E0D

■ 6B708D

■ 6B5D02

■ 6B7198

■ 6B5D00

■ 6B72A3

■ 6B74AD

# Harmonies

## Analogous

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



77634E



6B674D



5C6B53

# Triad

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



6B674D



436D77



7B5E6F

# Complementary

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



6B674D



4D516B

# 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.



6E617A



6B674D



4D6A7E

# Square

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



6B674D



446E6B



5E667F



815D62

# Rectangle

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



6B674D



536C5A



5E667F



775F73



# Sweetspot

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



6B674D



8C8B81



6B4D51



474640



C7C7C7



474747



# Same Dimension

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



6B674D



8C865D



606B4D



363530



756600



F5D400



# Inverse Universe

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



4D516B



5D638C



584D6B



303136



001075



0021F5



# Previews

## White Background



This preview shows how the Hex color 6B674D looks on a white background.

## Color Contrast Check

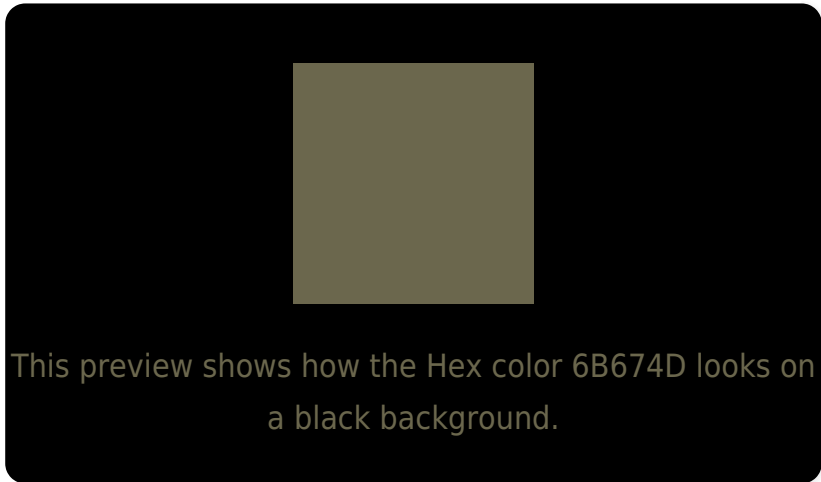
Large Text (above 18pt) WCAG AA ✓ Pass

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

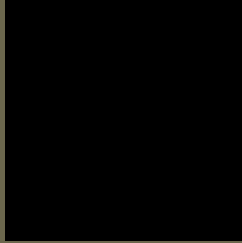
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B674D Background



This preview shows how black text looks on a background with the Hex color 6B674D.



This preview shows how white text looks on a background with the Hex color 6B674D.

# 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**  
6B674D

**Protanopia**  
6E664D

**Deuteranopia**  
78624E



**Tritanopia**  
6F636B

# Trichromacy



**Original Color**  
6B674D

**Protanomaly**  
6D664D

**Deuteranomaly**  
73644E

**Tritanomaly**  
6E6460

# Monochromacy



**Original Color**  
6B674D

**Achromatopsia**  
656565

**Achromatomaly**  
67665C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B674D 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 #6B674D looks like.

```
.text, #text, p{  
    color:#6B674D  
}
```

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 #6B674D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B674D
}
```

## Border

The CSS property to change the border of an element to Hex 6B674D 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".

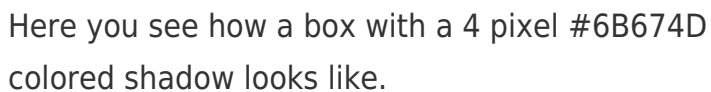
```
.border, #border, table{ border:4px solid
#6B674D }
```

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

```
.border{ border-color:#6B674D }
```

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

Here you see how a box with a 4 pixel #6B674D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B674D; -webkit-box-shadow:4px 4px  
4px 4px #6B674D; box-shadow:4px 4px 4px  
4px #6B674D }
```

# Background

The CSS property to change the background color of an element to Hex 6B674D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B674D }
```

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

```
.background{ background-color:#6B674D }
```

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