

# Converting Colors

Hex(6B6B51)

Have a look what the booklet for  
Hex(6B6B51) contains.

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# Color

**Hex(6B6B51)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B6B51
RGB	107, 107, 81
RGB Percent	42%, 42%, 32%
CMY	0.5804, 0.5804, 0.6824
CMYK	0.00, 0.00, 0.24, 0.58
HSL	60°, 14%, 37%
HSV	60°, 24%, 42%
XYZ	12.8063, 14.2353, 9.8573
YIQ	104.0360, 8.3460, -8.0860

# Conversions

## Conversions Part 2

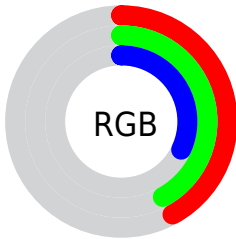
<b>Format</b>	<b>Color</b>
<b>RYB</b>	81, 107, 81
Decimal	7039825
CIELab	44.57, -4.74, 14.62
CIELCh	45, 15.374, 107.964
Yxy	14.2353, 0.3471, 0.3858
Android (android.graphics.Color)	4285229905 (0xFF6B6B51)
YUV	104.0360, -11.3567, 2.5994
Hunter-Lab	37.7297, -5.4399, 10.9206

# Details

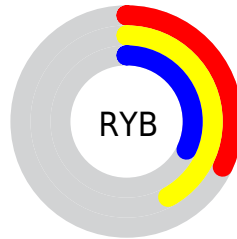
The Hex color **6B6B51** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **51516B**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **9F9E82**, and **3B3C24** is the 20% darker color. If you saturate the color by 10%, you get **6B6B46**, and if you desaturate by 10%, it is **6B6B5C**.

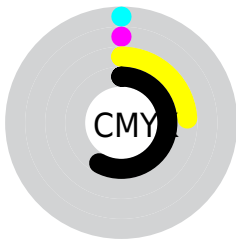
# Distribution



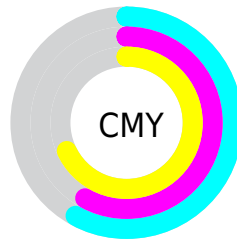
- Red (42%)
- Green (42%)
- Blue (32%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (24%)
- Black (58%)



- Cyan (58%)
- Magenta (58%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B6B51 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 6B6B51 by changing the saturation by 10% instead.





6B6B51



6B6B51

FFFFFF



53533A



9F9E82



3B3C24



BAB99D



25260F



D5D5B7



0D1200



F2F1D3



000000



FFFFEf



6B6B51



6B6B51



6B6B46



6B6B5C



6B6B3C



6B6B66

 6B6B31

 6B6B71

 6B6B26

 6B6B7C

 6B6B1B

 6B6B87

 6B6B11

 6B6B91

 6B6B06

 6B6B9C

 6B6B00

 6B6BA7

 6B6BB1

# Harmonies

## Analogous

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



786751



6B6B51



5C6E58

# Triad

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



6B6B51



486F7C



80616F

# Complementary

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



6B6B51



51516B

# 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.



75647B



6B6B51



546C82

# Square

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



6B6B51



467171



656882



846062

# Rectangle

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



6B6B51



53705F



656882



7D6173



# Sweetspot

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



6B6B51



8C8C82



6B5151



474742



C7C7C7



474747



# Same Dimension

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



6B6B51



8C8C64



5E6B51



363630



757500



F5F500



# Inverse Universe

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



51516B



64648C



5E516B



303036



000075



0000F5



# Previews

## White Background



This preview shows how the Hex color 6B6B51 looks on a white background.

## Color Contrast Check

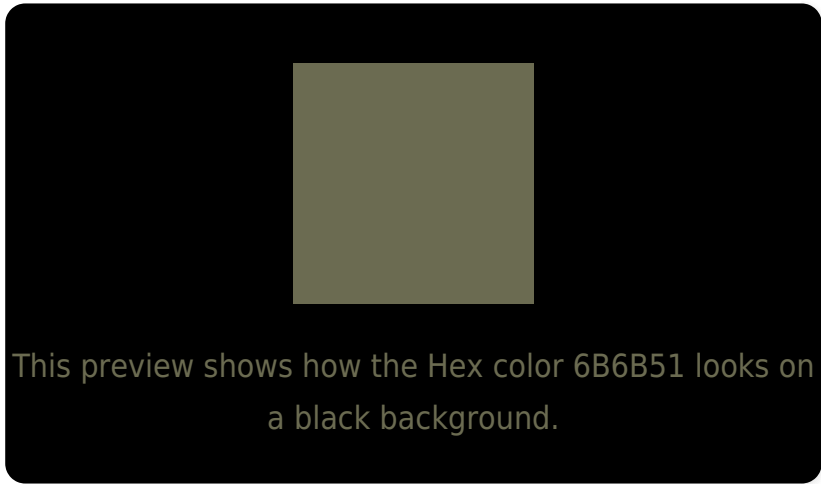
Large Text (above 18pt) WCAG AA ✓ Pass

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

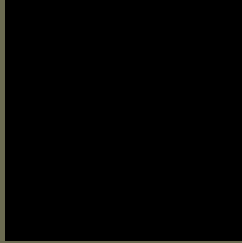
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

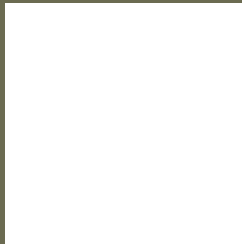
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B6B51 Background



This preview shows how black text looks on a background with the Hex color 6B6B51.



This preview shows how white text looks on a background with the Hex color 6B6B51.

# 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**


6B6B51

**Protanopia**

716950

**Deuteranopia**

7B6552



**Tritanopia**  
6F676F

# Trichromacy



**Original Color**  
6B6B51

**Protanomaly**  
6F6A50

**Deuteranomaly**  
756752

**Tritanomaly**  
6E6864

# Monochromacy



**Original Color**  
6B6B51

**Achromatopsia**  
686868

**Achromatomaly**  
696960

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B6B51 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 #6B6B51 looks like.

```
.text, #text, p{  
    color:#6B6B51  
}
```

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 #6B6B51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B6B51
}
```

## Border

The CSS property to change the border of an element to Hex 6B6B51 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
#6B6B51 }
```

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

```
.border{ border-color:#6B6B51 }
```

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

Here you see how a box with a 4 pixel #6B6B51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B6B51; -webkit-box-shadow:4px 4px  
4px 4px #6B6B51; box-shadow:4px 4px 4px  
4px #6B6B51 }
```

# Background

The CSS property to change the background color of an element to Hex 6B6B51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B6B51 }
```

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

```
.background{ background-color:#6B6B51 }
```

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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