

# Converting Colors

Hex(6B6B63)

Have a look what the booklet for  
Hex(6B6B63) contains.

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# Color

**Hex(6B6B63)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B6B63
RGB	107, 107, 99
RGB Percent	42%, 42%, 39%
CMY	0.5804, 0.5804, 0.6118
CMYK	0.00, 0.00, 0.07, 0.58
HSL	60°, 4%, 40%
HSV	60°, 7%, 42%
XYZ	13.5732, 14.5420, 13.8959
YIQ	106.0880, 2.5680, -2.4880

# Conversions

## Conversions Part 2

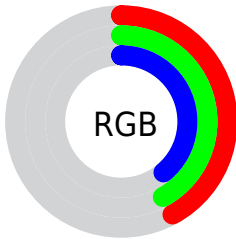
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 107, 99
Decimal	7039843
CIELab	45.00, -1.59, 4.48
CIElCh	45, 4.751, 109.495
Yxy	14.5420, 0.3231, 0.3461
Android (android.graphics.Color)	4285229923 (0xFF6B6B63)
YUV	106.0880, -3.4944, 0.7998
Hunter-Lab	38.1340, -3.2002, 5.0888

# Details

The Hex color **6B6B63** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **63636B**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **9E9E96**, and **3C3C35** is the 20% darker color. If you saturate the color by 10%, you get **6B6B58**, and if you desaturate by 10%, it is **6B6B6E**.

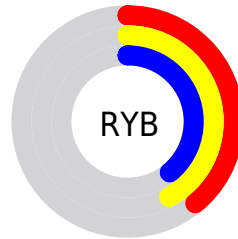
# Distribution



Red (42%)

Green (42%)

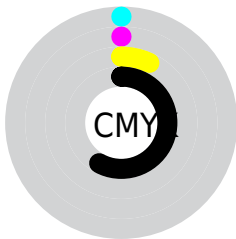
Blue (39%)



Red (39%)

Yellow (42%)

Blue (39%)

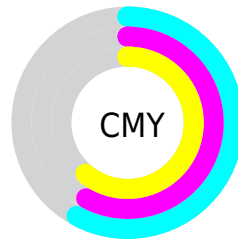


Cyan (0%)

Magenta (0%)

Yellow (7%)

Black (58%)



Cyan (58%)

Magenta (58%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B6B63 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 6B6B63 by changing the saturation by 10% instead.





6B6B63



6B6B63

FFFFFF



53534B



9E9E96



3C3C35



B9B9B0



26261F



D5D5CC



121107



F1F1E8



000000



6B6B63



6B6B63



6B6B58



6B6B6E



6B6B4E



6B6B78



6B6B43



6B6B83

 6B6B38

 6B6B8E

 6B6B2E

 6B6B99

 6B6B23

 6B6BA3

 6B6B18

 6B6BAE

 6B6B0D

 6B6BB9

 6B6B03

 6B6BC3

# Harmonies

## Analogous

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



6F6A63



6B6B63



666C65

# Triad

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



6B6B63



626C70



72686C

# Complementary

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



6B6B63



63636B

# 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.



6E6970



6B6B63



656B72

# Square

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



6B6B63



616D6D



6A6A72



736868

# Rectangle

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



6B6B63



646D68



6A6A72



71686D



# Sweetspot

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



6B6B63



8C8C89



6B6363



474746



C7C7C7



474747



# Same Dimension

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



6B6B63



8C8C80



676B63



363630



757500



F5F500



# Inverse Universe

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



63636B



80808C



67636B



303036



000075



0000F5



# Previews

## White Background



This preview shows how the Hex color 6B6B63 looks on a white background.

## Color Contrast Check

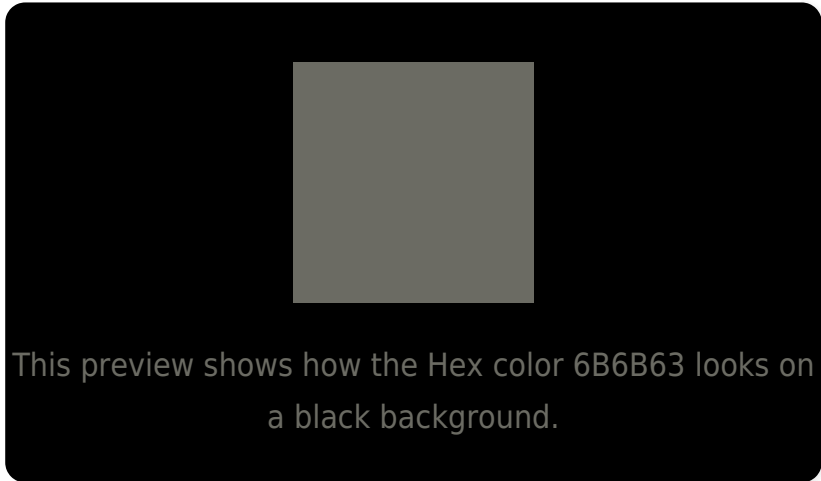
Large Text (above 18pt) WCAG AA ✓ Pass

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

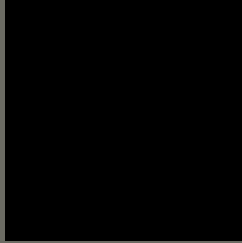
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

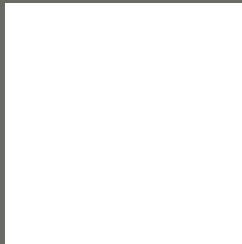
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B6B63 Background



This preview shows how black text looks on a background with the Hex color 6B6B63.



This preview shows how white text looks on a background with the Hex color 6B6B63.

# 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**  
6B6B63

**Protanopia**  
6E6A62

**Deuteranopia**  
776764



**Tritanopia**  
6D6971

# Trichromacy



**Original Color**  
6B6B63

**Protanomaly**  
6D6A62

**Deuteranomaly**  
736864

**Tritanomaly**  
6C6A6C

# Monochromacy



**Original Color**  
6B6B63

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
6A6A67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B6B63 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 #6B6B63 looks like.

```
.text, #text, p{  
    color:#6B6B63  
}
```

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 #6B6B63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B6B63
}
```

## Border

The CSS property to change the border of an element to Hex 6B6B63 is called "border". The border property can be set on classes, ids or directly on the HTML element.

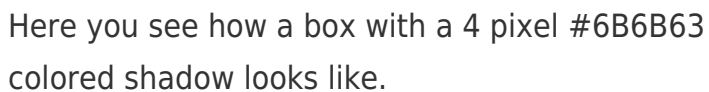
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B6B63 }
```

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

```
.border{ border-color:#6B6B63 }
```

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



Here you see how a box with a 4 pixel #6B6B63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B6B63; -webkit-box-shadow:4px 4px  
4px 4px #6B6B63; box-shadow:4px 4px 4px  
4px #6B6B63 }
```

# Background

The CSS property to change the background color of an element to Hex 6B6B63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B6B63 }
```

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

```
.background{ background-color:#6B6B63 }
```

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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