

# Converting Colors

Hex(6B6D60)

Have a look what the booklet for  
Hex(6B6D60) contains.

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# Color

**Hex(6B6D60)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B6D60
RGB	107, 109, 96
RGB Percent	42%, 43%, 38%
CMY	0.5804, 0.5725, 0.6235
CMYK	0.02, 0.00, 0.12, 0.57
HSL	69°, 6%, 40%
HSV	69°, 12%, 43%
XYZ	13.6434, 14.9076, 13.2247
YIQ	106.9200, 2.9810, -4.4670

# Conversions

## Conversions Part 2

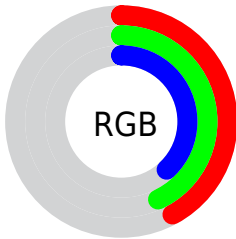
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 109, 98
Decimal	7040352
CIE <sub>Lab</sub>	45.51, -3.32, 7.00
CIE <sub>LCh</sub>	46, 7.749, 115.380
Yxy	14.9076, 0.3266, 0.3568
Android (android.graphics.Color)	4285230432 (0xFF6B6D60)
YUV	106.9200, -5.3836, 0.0702
Hunter-Lab	38.6104, -4.4934, 6.7194

# Details

The Hex color **6B6D60** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **62606D**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **9EA092**, and **3C3E32** is the 20% darker color. If you saturate the color by 10%, you get **696D55**, and if you desaturate by 10%, it is **6D6D6B**.

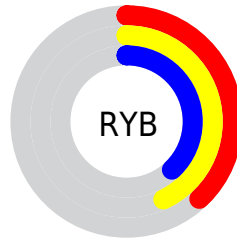
# Distribution



Red (42%)

Green (43%)

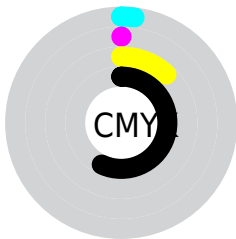
Blue (38%)



Red (38%)

Yellow (43%)

Blue (38%)

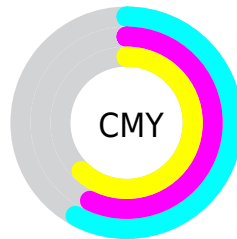


Cyan (2%)

Magenta (0%)

Yellow (12%)

Black (57%)



Cyan (58%)

Magenta (57%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B6D60 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 6B6D60 by changing the saturation by 10% instead.



6B6D60

6B6D60

FFFFFF

535548

9EA092

3C3E32

B9BBAD

26281D

D5D7C8

121303

F1F4E4

000000

6B6D60

6B6D60

696D55

6D6D6B

686D4A

6E6D76

666D3F

706D81

■ 646D34

■ 726D8C

■ 636D2A

■ 736D97

■ 616D1F

■ 756DA1

■ 5F6D14

■ 776DAC

■ 5E6D09

■ 786DB7

■ 5C6D00

■ 7A6DC2

# Harmonies

## Analogous

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



726B5F



6B6D60



646F64

# Triad

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



6B6D60



5E6E76



78676D

# Complementary

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



6B6D60



62606D

# 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.



736873



6B6D60



646D78

# Square

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



6B6D60



5B6F71



6C6A77



7A6866

# Rectangle

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



6B6D60



5F6F68



6C6A77



77686F



# Sweetspot

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



6B6D60



8E8F89



6D6260



474744



C7C7C7



474747



# Same Dimension

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



6B6D60



8C8F7B



656D60



353630



637500



CFF500



# Inverse Universe

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



62606D



7E7B8F



68606D



313036



120075



2600F5



# Previews

## White Background



This preview shows how the Hex color 6B6D60 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

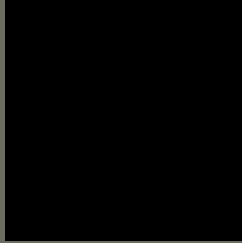
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

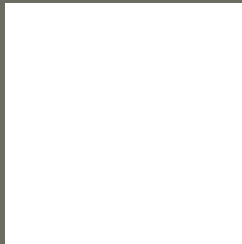
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B6D60 Background



This preview shows how black text looks on a background with the Hex color 6B6D60.



This preview shows how white text looks on a background with the Hex color 6B6D60.

# 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**

6B6D60

**Protanopia**

706B5F

**Deuteranopia**

7A6861



**Tritanopia**  
6E6A73

# Trichromacy



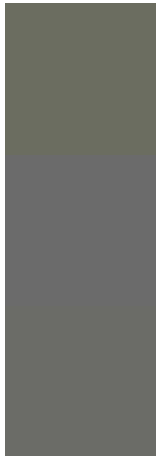
**Original Color**  
6B6D60

**Protanomaly**  
6E6C5F

**Deuteranomaly**  
756A61

**Tritanomaly**  
6D6B6C

# Monochromacy



**Original Color**  
6B6D60

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
6B6C67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B6D60 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 #6B6D60 looks like.

```
.text, #text, p{  
    color:#6B6D60  
}
```

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 #6B6D60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B6D60
}
```

## Border

The CSS property to change the border of an element to Hex 6B6D60 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".

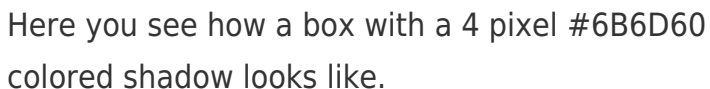
```
.border, #border, table{ border:4px solid
#6B6D60 }
```

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

```
.border{ border-color:#6B6D60 }
```

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

Here you see how a box with a 4 pixel #6B6D60 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B6D60; -webkit-box-shadow:4px 4px  
4px 4px #6B6D60; box-shadow:4px 4px 4px  
4px #6B6D60 }
```

# Background

The CSS property to change the background color of an element to Hex 6B6D60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B6D60 }
```

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

```
.background{ background-color:#6B6D60 }
```

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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