

# Converting Colors

Hex(6F6F65)

Have a look what the booklet for  
Hex(6F6F65) contains.

<b>Hex(6F6F65)</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(6F6F65)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6F6F65
RGB	111, 111, 101
RGB Percent	44%, 44%, 40%
CMY	0.5647, 0.5647, 0.6039
CMYK	0.00, 0.00, 0.09, 0.56
HSL	60°, 5%, 42%
HSV	60°, 9%, 44%
XYZ	14.5889, 15.6880, 14.5711
YIQ	109.8600, 3.2100, -3.1100

# Conversions

## Conversions Part 2

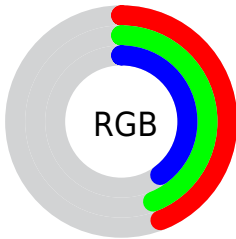
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 111, 101
Decimal	7303013
CIE Lab	46.56, -1.96, 5.57
CIE LCh	47, 5.900, 109.354
Yxy	15.6880, 0.3253, 0.3498
Android (android.graphics.Color)	4285493093 (0xFF6F6F65)
YUV	109.8600, -4.3680, 0.9998
Hunter-Lab	39.6080, -3.5666, 5.9139

# Details

The Hex color **6F6F65** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **65656F**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **A3A398**, and **3F3F36** is the 20% darker color. If you saturate the color by 10%, you get **6F6F5A**, and if you desaturate by 10%, it is **6F6F70**.

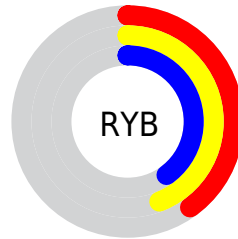
# Distribution



Red (44%)

Green (44%)

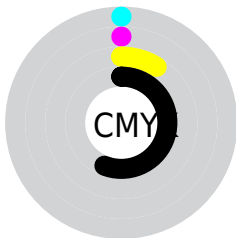
Blue (40%)



Red (40%)

Yellow (44%)

Blue (40%)

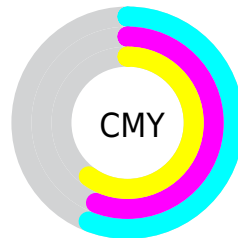


Cyan (0%)

Magenta (0%)

Yellow (9%)

Black (56%)



Cyan (56%)

Magenta (56%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F6F65 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 6F6F65 by changing the saturation by 10% instead.





6F6F65



6F6F65

FFFFFF



57574D



A3A398



3F3F36



BEBEB3



292A21



D9D9CE



15150A



F6F6EA



000000



6F6F65



6F6F65



6F6F5A



6F6F70



6F6F4F



6F6F7B



6F6F44



6F6F86

■ 6F6F39

■ 6F6F91

■ 6F6F2D

■ 6F6F9D

■ 6F6F22

■ 6F6FA8

■ 6F6F17

■ 6F6FB3

■ 6F6F0C

■ 6F6FBE

■ 6F6F01

■ 6F6FC9

# Harmonies

## Analogous

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



746D65



6F6F65



697068

# Triad

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



6F6F65



637176



776B70

# Complementary

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



6F6F65



65656F

# 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.



736C75



6F6F65



676F78

# Square

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



6F6F65



627171



6D6E78



796B6B

# Rectangle

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



6F6F65



66716B



6D6E78



766B72



# Sweetspot

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



6F6F65



91918D



6F6565



4A4A47



C9C9C9



4A4A4A



# Same Dimension

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



6F6F65



919181



6A6F65



383832



787800



F7F700



# Inverse Universe

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



65656F



818191



6A656F



323238



000078

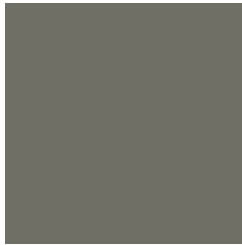


0000F7



# Previews

## White Background



This preview shows how the Hex color 6F6F65 looks on a white background.

## Color Contrast Check

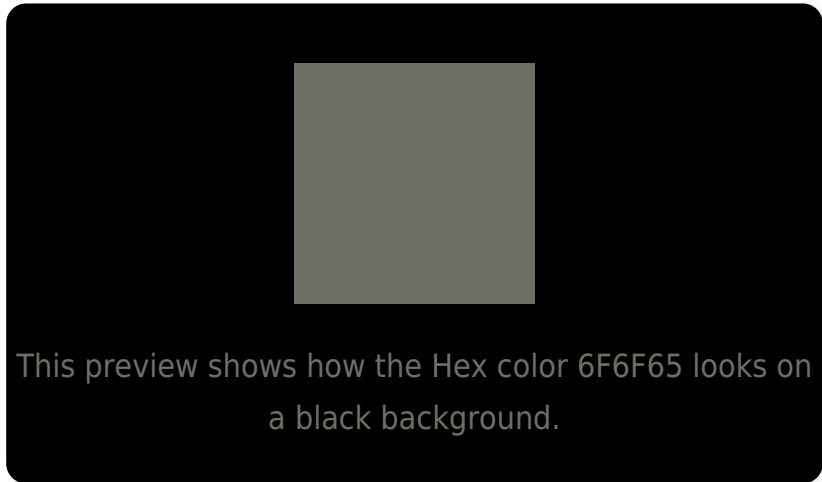
Large Text (above 18pt) WCAG AA ✓ Pass

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

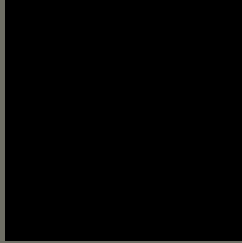
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

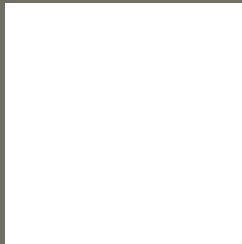
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6F6F65 Background



This preview shows how black text looks on a background with the Hex color 6F6F65.



This preview shows how white text looks on a background with the Hex color 6F6F65.

# 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**  
6F6F65

**Protanopia**  
736E64

**Deuteranopia**  
7C6A66



**Tritanopia**  
716D75

# Trichromacy



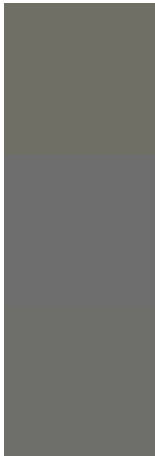
**Original Color**  
6F6F65

**Protanomaly**  
726E64

**Deuteranomaly**  
776C66

**Tritanomaly**  
706E6F

# Monochromacy



**Original Color**  
6F6F65

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
6E6E6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F6F65 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 #6F6F65 looks like.

```
.text, #text, p{  
    color:#6F6F65  
}
```

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 #6F6F65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F6F65
}
```

## Border

The CSS property to change the border of an element to Hex 6F6F65 is called "border". The border property can be set on classes, ids or directly on the HTML element.

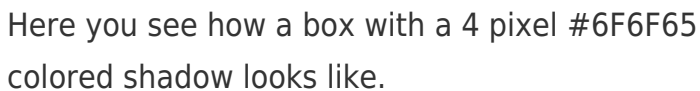
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F6F65 }
```

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

```
.border{ border-color:#6F6F65 }
```

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



Here you see how a box with a 4 pixel #6F6F65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F6F65; -webkit-box-shadow:4px 4px  
4px 4px #6F6F65; box-shadow:4px 4px 4px  
4px #6F6F65 }
```

# Background

The CSS property to change the background color of an element to Hex 6F6F65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F6F65 }
```

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

```
.background{ background-color:#6F6F65 }
```

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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