

# Converting Colors

Hex(6F6867)

Have a look what the booklet for  
Hex(6F6867) contains.

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# Color

**Hex(6F6867)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F6867
RGB	111, 104, 103
RGB Percent	44%, 41%, 40%
CMY	0.5647, 0.5922, 0.5961
CMYK	0.00, 0.06, 0.07, 0.56
HSL	7°, 4%, 42%
HSV	7°, 7%, 44%
XYZ	13.9540, 14.2594, 14.8488
YIQ	105.9790, 4.4930, 1.1730

# Conversions

## Conversions Part 2

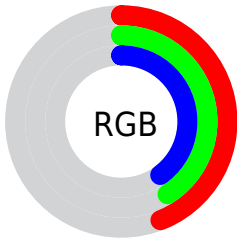
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	111, 104, 103
Decimal	7301223
CIE Lab	44.60, 2.55, 1.54
CIE LCh	45, 2.980, 31.153
Yxy	14.2594, 0.3240, 0.3311
Android (android.graphics.Color)	4285491303 (0xFF6F6867)
YUV	105.9790, -1.4686, 4.4034
Hunter-Lab	37.7616, -0.1218, 3.1188

# Details

The Hex color **6F6867** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **676E6F**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **A39B9A**, and **3F3938** is the 20% darker color. If you saturate the color by 10%, you get **6F5E5C**, and if you desaturate by 10%, it is **6F7272**.

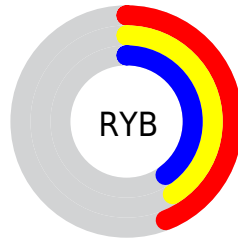
# Distribution



Red (44%)

Green (41%)

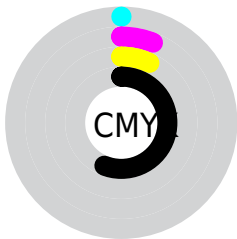
Blue (40%)



Red (44%)

Yellow (41%)

Blue (40%)

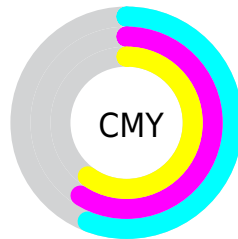


Cyan (0%)

Magenta (6%)

Yellow (7%)

Black (56%)



Cyan (56%)

Magenta (59%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F6867 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 6F6867 by changing the saturation by 10% instead.





6F6867



6F6867

FFFFFF



57504F



A39B9A



3F3938



BEB6B5



292423



D9D1D0



150E0D



F6EEED



000000



6F6867



6F6867



6F5E5C



6F7272



6F5551



6F7B7D



6F4B46



6F8588

6F413B

6F8F93

6F3730

6F999F

6F2E24

6FA2AA

6F2419

6FACB5

6F1A0E

6FB6C0

6F1103

6FBFCB

# Harmonies

## Analogous

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



6F6869



6F6867



6E6965

# Triad

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



6F6867



666B67



676A6E

# Complementary

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



6F6867



676E6F

# 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.



656A6E



6F6867



646B69

# Square

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



6F6867



696A65



646B6C



6A696E

# Rectangle

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



6F6867



6C6965



646B6C



666A6E



# Sweetspot

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



6F6867



918F8E



6F676E



4A4948



C9C9C9



4A4A4A



# Same Dimension

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



6F6867



918684



6F6C67



383332



780F00



F71F00



# Inverse Universe

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



676E6F



849091



676A6F



323738



006978



00D8F7



# Previews

## White Background



This preview shows how the Hex color 6F6867 looks on a white background.

## Color Contrast Check

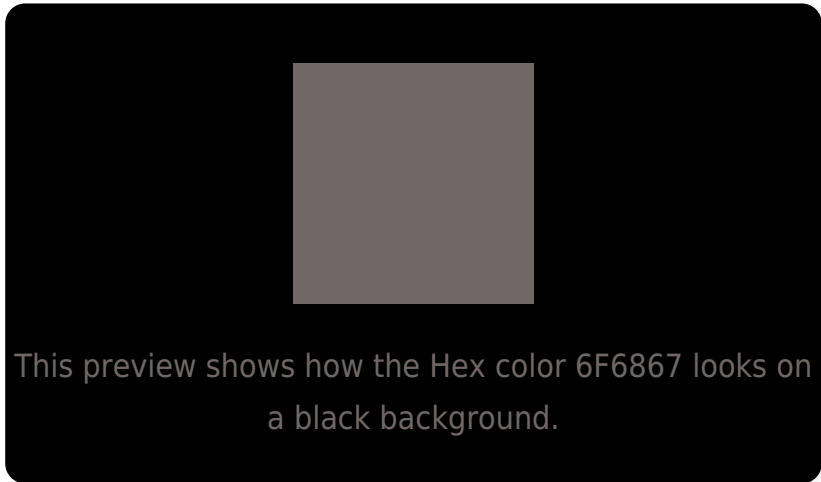
Large Text (above 18pt) WCAG AA ✓ Pass

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

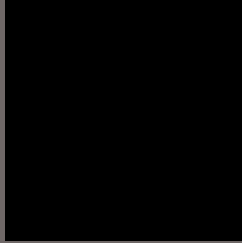
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F6867 Background



This preview shows how black text looks on a background with the Hex color 6F6867.



This preview shows how white text looks on a background with the Hex color 6F6867.

# 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](#).

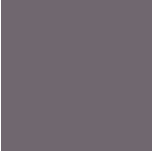
## Dichromacy



**Original Color**  
6F6867

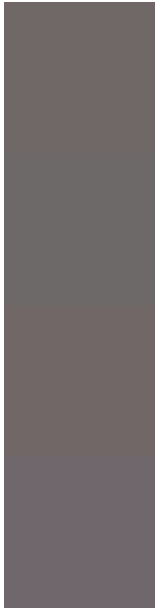
**Protanopia**  
6C6968

**Deuteranopia**  
746667



**Tritanopia**  
70676F

# Trichromacy



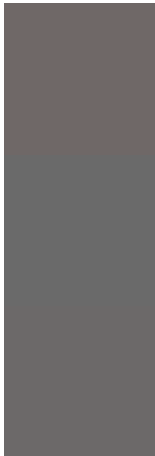
**Original Color**  
6F6867

**Protanomaly**  
6D6968

**Deuteranomaly**  
726767

**Tritanomaly**  
70676C

# Monochromacy



**Original Color**  
6F6867

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
6C6969

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F6867 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 #6F6867 looks like.

```
.text, #text, p{  
    color:#6F6867  
}
```

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 #6F6867 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F6867
}
```

## Border

The CSS property to change the border of an element to Hex 6F6867 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
#6F6867 }
```

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

```
.border{ border-color:#6F6867 }
```

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

Here you see how a box with a 4 pixel #6F6867 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F6867; -webkit-box-shadow:4px 4px  
4px 4px #6F6867; box-shadow:4px 4px 4px  
4px #6F6867 }
```

# Background

The CSS property to change the background color of an element to Hex 6F6867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F6867 }
```

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

```
.background{ background-color:#6F6867 }
```

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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