

# Converting Colors

Hex(676F69)

Have a look what the booklet for  
Hex(676F69) contains.

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# Color

**Hex(676F69)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	676F69
RGB	103, 111, 105
RGB Percent	40%, 44%, 41%
CMY	0.5961, 0.5647, 0.5882
CMYK	0.07, 0.00, 0.05, 0.56
HSL	135°, 4%, 42%
HSV	135°, 7%, 44%
XYZ	13.8278, 15.2724, 15.5837
YIQ	107.9240, -2.8420, -3.5620

# Conversions

## Conversions Part 2

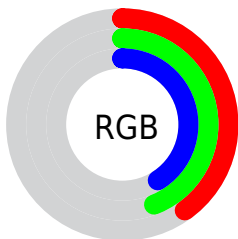
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 109, 111
Decimal	6778729
CIE Lab	46.01, -4.29, 2.29
CIE LCh	46, 4.864, 151.930
Yxy	15.2724, 0.3095, 0.3418
Android (android.graphics.Color)	4284968809 (0xFF676F69)
YUV	107.9240, -1.4415, -4.3183
Hunter-Lab	39.0799, -5.2305, 3.7132

# Details

The Hex color **676F69** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6F676D**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **9AA39C**, and **383F3A** is the 20% darker color. If you saturate the color by 10%, you get **5C6F61**, and if you desaturate by 10%, it is **726F71**.

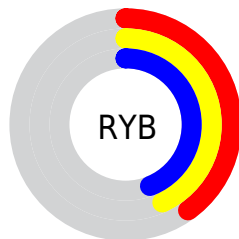
# Distribution



Red (40%)

Green (44%)

Blue (41%)



Red (40%)

Yellow (43%)

Blue (44%)

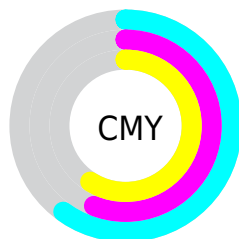


Cyan (7%)

Magenta (0%)

Yellow (5%)

Black (56%)



Cyan (60%)

Magenta (56%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 676F69 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 676F69 by changing the saturation by 10% instead.



■ 676F69

■ 676F69

FFFFFF

■ 4F5751

■ 9AA39C

■ 383F3A

■ B5BEB7

■ 232924

■ D0D9D3

■ 0D150F

■ EDF6EF

■ 000000

■ 676F69

■ 676F69

■ 5C6F61

■ 726F71

■ 516F58

■ 7D6F7A

■ 466F50

■ 886F82

■ 3B6F48

■ 936F8A

■ 306F3F

■ 9F6F93

■ 246F37

■ AA6F9B

■ 196F2F

■ B56FA3

■ 0E6F26

■ C06FAC

■ 036F1E

■ CB6FB4

# Harmonies

## Analogous

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



6C6E66



676F69



646F6D

# Triad

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



676F69



696D75



766B69

# Complementary

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



676F69



6F676D

# 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.



756A6D



676F69



6E6C74

# Square

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



676F69



656E74



736B71



746B66

# Rectangle

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



676F69



636F70



736B71



766A6A



# Sweetspot

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



676F69



8E918F



6D6F67



484A49



C9C9C9



4A4A4A



# Same Dimension

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



676F69



849188



676F6D



323834



00781E



00F73E



# Inverse Universe

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



6F676D



91848E



6F6769



383237



78005A



F700BA



# Previews

## White Background



This preview shows how the Hex color 676F69 looks on a white background.

## Color Contrast Check

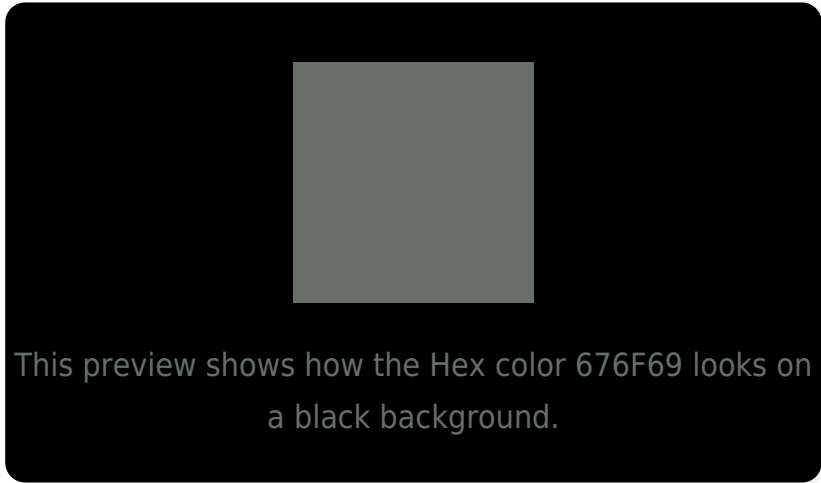
Large Text (above 18pt) WCAG AA ✓ Pass

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

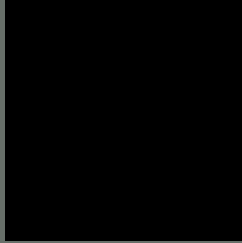
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

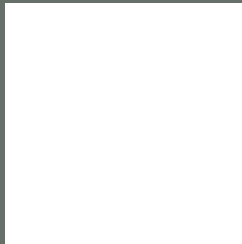
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 676F69 Background



This preview shows how black text looks on a background with the Hex color 676F69.



This preview shows how white text looks on a background with the Hex color 676F69.

# 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**


676F69

**Protanopia**

706C68

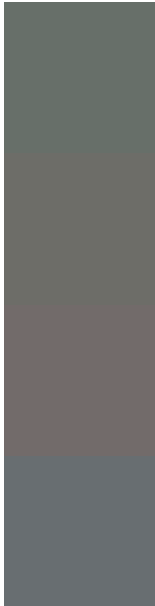
**Deuteranopia**

78696A



**Tritanopia**  
696D76

# Trichromacy



**Original Color**

676F69

**Protanomaly**

6D6D68

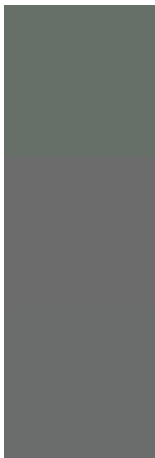
**Deuteranomaly**

726B6A

**Tritanomaly**

686E71

# Monochromacy



**Original Color**

676F69

**Achromatopsia**

6C6C6C

**Achromatomaly**

6A6D6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 676F69 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 #676F69 looks like.

```
.text, #text, p{  
    color:#676F69  
}
```

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 #676F69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676F69
}
```

## Border

The CSS property to change the border of an element to Hex 676F69 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
#676F69 }
```

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

```
.border{ border-color:#676F69 }
```

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

Here you see how a box with a 4 pixel #676F69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676F69; -webkit-box-shadow:4px 4px  
4px 4px #676F69; box-shadow:4px 4px 4px  
4px #676F69 }
```

# Background

The CSS property to change the background color of an element to Hex 676F69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676F69 }
```

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

```
.background{ background-color:#676F69 }
```

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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