

# Converting Colors

Hex(70675F)

Have a look what the booklet for  
Hex(70675F) contains.

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# Color

**Hex(70675F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70675F
RGB	112, 103, 95
RGB Percent	44%, 40%, 37%
CMY	0.5608, 0.5961, 0.6275
CMYK	0.00, 0.08, 0.15, 0.56
HSL	28°, 8%, 41%
HSV	28°, 15%, 44%
XYZ	13.5979, 13.9715, 12.8065
YIQ	104.7790, 7.9320, -0.5800

# Conversions

## Conversions Part 2

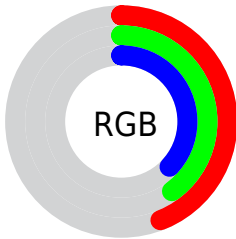
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 110, 95
Decimal	7366495
CIE Lab	44.19, 2.06, 5.79
CIE LCh	44, 6.143, 70.431
Yxy	13.9715, 0.3368, 0.3460
Android (android.graphics.Color)	4285556575 (0xFF70675F)
YUV	104.7790, -4.8210, 6.3328
Hunter-Lab	37.3784, -0.4757, 5.8510

# Details

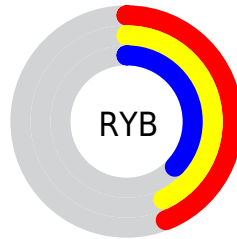
The Hex color **70675F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5F6870**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **A49A91**, and **403831** is the 20% darker color. If you saturate the color by 10%, you get **706154**, and if you desaturate by 10%, it is **706D6A**.

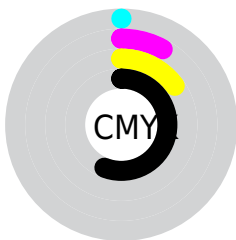
# Distribution



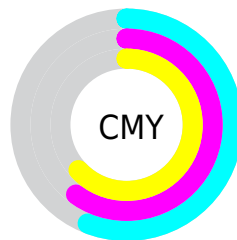
- Red (44%)
- Green (40%)
- Blue (37%)



- Red (44%)
- Yellow (43%)
- Blue (37%)



- Cyan (0%)
- Magenta (8%)
- Yellow (15%)
- Black (56%)



- Cyan (56%)
- Magenta (60%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70675F 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 70675F by changing the saturation by 10% instead.



■ 70675F

■ 70675F

FFFFFF

■ 574F47

■ A49A91

■ 403831

■ BFB5AC

■ 2A231C

■ DBD0C7

■ 160D01

■ F7EDE3

■ 000000

■ 70675F

■ 70675F

■ 706154

■ 706D6A

■ 705B49

■ 707375

■ 70553D

■ 707981

 704F32

 707F8C

 704927

 708597

 70431C

 708BA2

 703D11

 7091AD

 703805

 7096B9

 703500

 709CC4

# Harmonies

## Analogous

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



736662



70675F



6B695E

# Triad

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



70675F



5C6C6A



6C6770

# Complementary

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



70675F



5F6870

# 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.



656872



70675F



5C6B6F

# Square

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



70675F



606B65



606A72



71656C

# Rectangle

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



70675F



676A60



606A72



6A6771



# Sweetspot

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



70675F



918E8A



705F68



4A4846



C9C9C9



4A4A4A



# Same Dimension

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



70675F



918377



706F5F



383532



783800



F77400



# Inverse Universe

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



5F6870



778591



5F6070



323538



003F78



0083F7



# Previews

## White Background



This preview shows how the Hex color 70675F looks on a white background.

## Color Contrast Check

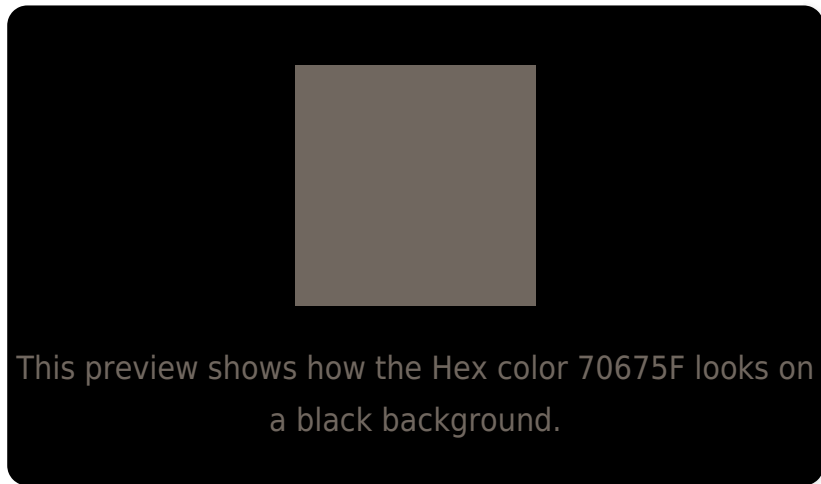
Large Text (above 18pt) WCAG AA ✓ Pass

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

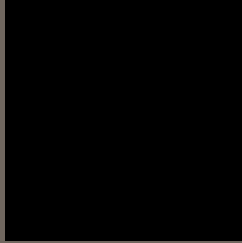
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 70675F Background



This preview shows how black text looks on a background with the Hex color 70675F.



This preview shows how white text looks on a background with the Hex color 70675F.

# 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**  
70675F

**Protanopia**  
6C6860

**Deuteranopia**  
76655F



**Tritanopia**  
72656D

# Trichromacy



**Original Color**  
70675F

**Protanomaly**  
6D6860

**Deuteranomaly**  
74665F

**Tritanomaly**  
716668

# Monochromacy



**Original Color**  
70675F

**Achromatopsia**  
696969

**Achromatomaly**  
6C6865

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70675F 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 #70675F looks like.

```
.text, #text, p{  
    color:#70675F  
}
```

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 #70675F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70675F
}
```

## Border

The CSS property to change the border of an element to Hex 70675F is called "border". The border property can be set on classes, ids or directly on the HTML element.

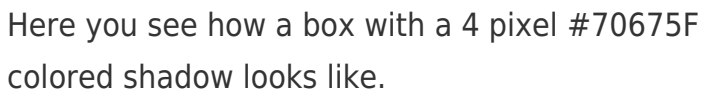
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#70675F }
```

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

```
.border{ border-color:#70675F }
```

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



Here you see how a box with a 4 pixel #70675F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70675F; -webkit-box-shadow:4px 4px  
4px 4px #70675F; box-shadow:4px 4px 4px  
4px #70675F }
```

# Background

The CSS property to change the background color of an element to Hex 70675F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70675F }
```

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

```
.background{ background-color:#70675F }
```

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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