

# Converting Colors

Hex(69744F)

Have a look what the booklet for  
Hex(69744F) contains.

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# Color

Hex(69744F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	69744F
RGB	105, 116, 79
RGB Percent	41%, 45%, 31%
CMY	0.5882, 0.5451, 0.6902
CMYK	0.09, 0.00, 0.32, 0.55
HSL	78°, 19%, 38%
HSV	78°, 32%, 45%
XYZ	13.4824, 16.0586, 9.7861
YIQ	108.4930, 5.3210, -13.8390

# Conversions

## Conversions Part 2

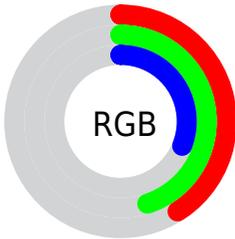
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 116, 90
Decimal	6911055
CIELab	47.05, -11.01, 19.12
CIElCh	47, 22.064, 119.932
Yxy	16.0586, 0.3428, 0.4083
Android (android.graphics.Color)	4285101135 (0xFF69744F)
YUV	108.4930, -14.5400, -3.0634
Hunter-Lab	40.0731, -10.0727, 13.5721

# Details

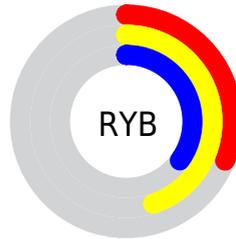
The Hex color **69744F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5A4F74**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **9DA880**, and **394422** is the 20% darker color. If you saturate the color by 10%, you get **667443**, and if you desaturate by 10%, it is **6C745B**.

# Distribution



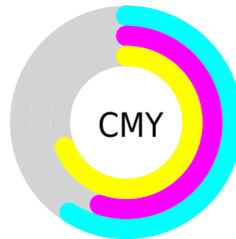
- Red (41%)
- Green (45%)
- Blue (31%)



- Red (31%)
- Yellow (45%)
- Blue (35%)



- Cyan (9%)
- Magenta (0%)
- Yellow (32%)
- Black (55%)



- Cyan (59%)
- Magenta (55%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69744F 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 69744F by changing the saturation by 10% instead.



69744F



69744F

FFFFFF



515B38



9DA880



394422



B8C39B



232E0C



D3DFB5



0B1A00



F0FCD1



000000



FFFED



69744F



69744F



667443



6C745B



627438



707466

■ 5F742C

■ 737472

■ 5B7421

■ 77747D

■ 587415

■ 7A7489

■ 547409

■ 7E7495

■ 527400

■ 8174A0

■ 8574AC

■ 8874B7

# Harmonies

## Analogous

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



7D6E4A



69744F



53785C

# Triad

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



69744F



3E768F



936270

# Complementary

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



69744F



5A4F74

# 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.



876582



69744F



577194

# Square

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



69744F



347981



726B90



94635E

# Rectangle

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



69744F



457968



726B90



906277

# Sweetspot

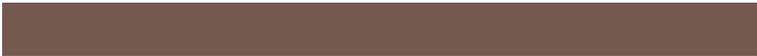
The Sweet Spot groups the original color and five complimentary colors.



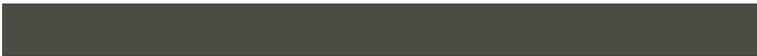
69744F



929687



74594F



4A4D43



CCCCCC



4D4D4D



# Same Dimension

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



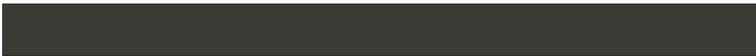
69744F



85965D



57744F



393B35



567A00



B0FA00



# Inverse Universe

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



5A4F74



6E5D96



6C4F74



37353B



24007A

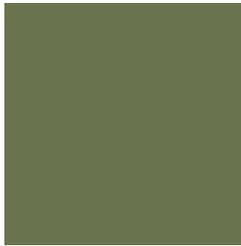


4A00FA



# Previews

## White Background



This preview shows how the Hex color 69744F looks on a white background.

## Color Contrast Check

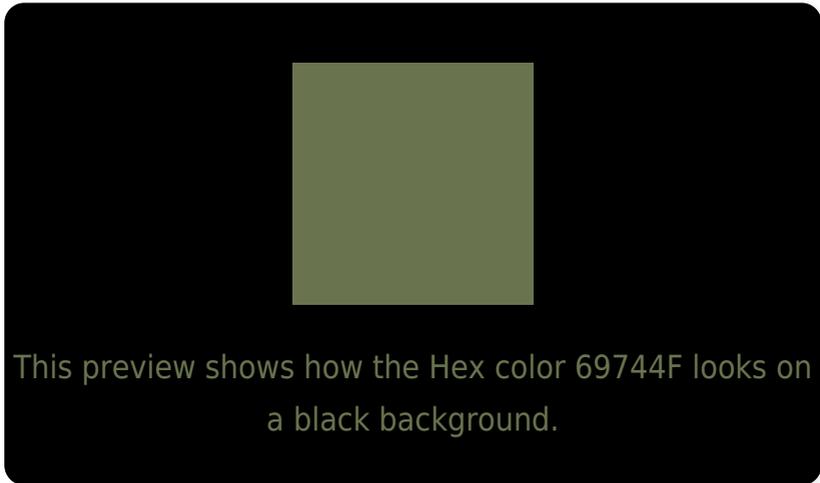
Large Text (above 18pt) WCAG AA ✓ Pass

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 69744F Background



This preview shows how black text looks on a background with the Hex color 69744F.



This preview shows how white text looks on a background with the Hex color 69744F.

# 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**  
69744F

**Protanopia**  
786F4D

**Deuteranopia**  
846B51



**Tritanopia**  
6F6F78

# Trichromacy



**Original Color**  
69744F

**Protanomaly**  
73714E

**Deuteranomaly**  
7A6E50

**Tritanomaly**  
6D7169

# Monochromacy



**Original Color**  
69744F

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
6B6F61

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69744F 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 #69744F looks like.

```
.text, #text, p{  
    color:#69744F  
}
```

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 #69744F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69744F
}
```

## Border

The CSS property to change the border of an element to Hex 69744F 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
#69744F }
```

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

```
.border{ border-color:#69744F }
```

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

Here you see how a box with a 4 pixel #69744F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69744F; -webkit-box-shadow:4px 4px  
4px 4px #69744F; box-shadow:4px 4px 4px  
4px #69744F }
```

# Background

The CSS property to change the background color of an element to Hex 69744F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69744F }
```

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

```
.background{ background-color:#69744F }
```

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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