

# Converting Colors

Hex(69764D)

Have a look what the booklet for  
Hex(69764D) contains.

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**Color**

**Hex(69764D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	69764D
RGB	105, 118, 77
RGB Percent	41%, 46%, 30%
CMY	0.5882, 0.5373, 0.6980
CMYK	0.11, 0.00, 0.35, 0.54
HSL	79°, 21%, 38%
HSV	79°, 35%, 46%
XYZ	13.6437, 16.4959, 9.4861
YIQ	109.4390, 5.4130, -15.5070

# Conversions

## Conversions Part 2

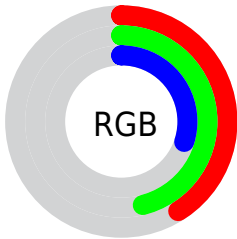
Format	Color
<a href="#">RYB</a>	<a href="#">77, 118, 90</a>
Decimal	<a href="#">6911565</a>
CIELab	<a href="#">47.62, -12.42, 21.02</a>
CIElCh	<a href="#">48, 24.419, 120.570</a>
Yxy	<a href="#">16.4959, 0.3443, 0.4163</a>
Android (android.graphics.Color)	<a href="#">4285101645 (0xFF69764D)</a>
YUV	<a href="#">109.4390, -15.9924, -3.8930</a>
Hunter-Lab	<a href="#">40.6152, -11.1139, 14.5828</a>

# Details

The Hex color **69764D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5A4D76**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **9DAA7E**, and **394620** is the 20% darker color. If you saturate the color by 10%, you get **657641**, and if you desaturate by 10%, it is **6D7659**.

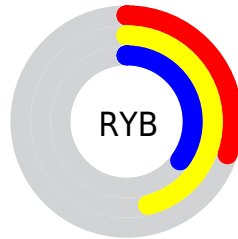
# Distribution



Red (41%)

Green (46%)

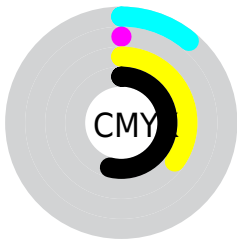
Blue (30%)



Red (30%)

Yellow (46%)

Blue (35%)

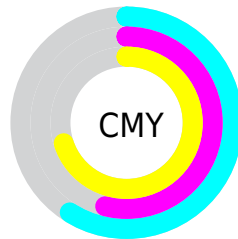


Cyan (11%)

Magenta (0%)

Yellow (35%)

Black (54%)



Cyan (59%)

Magenta (54%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69764D 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 69764D by changing the saturation by 10% instead.



 69764D

 69764D

FFFFFF

 505D36

 9DAA7E

 394620

 B8C598

 232F0A

 D4E1B3

 0B1B00

 F0FECF

 000000

 FFFFEB

 69764D

 69764D

 657641

 6D7659

 627635

 707665

■ 5E762A

■ 747670

■ 5A761E

■ 78767C

■ 567612

■ 7C7688

■ 537606

■ 7F7694

■ 517600

■ 8376A0

■ 8776AB

■ 8B76B7

# Harmonies

## Analogous

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



7F7048



69764D



517A5C

# Triad

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



69764D



377894



986171

# Complementary

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



69764D



5A4D76

# 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.



8B6586



69764D



56739A

# Square

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



69764D



2A7C85



746C94



99635D

# Rectangle

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



69764D



407C6A



746C94



956278



# Sweetspot

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



69764D



94998A



765A4D



4A4D43



CCCCCC



4D4D4D



# Same Dimension

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



69764D



859959



55764D



393B35



547A00



ABFA00



# Inverse Universe

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



5A4D76



6D5999



6E4D76



37353B



27007A



4F00FA



# Previews

## White Background



This preview shows how the Hex color 69764D looks on a white background.

## Color Contrast Check

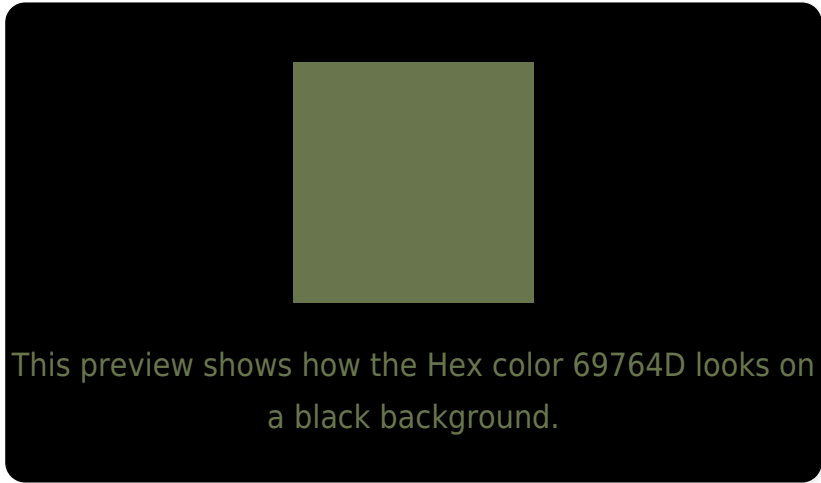
Large Text (above 18pt) WCAG AA ✓ Pass

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

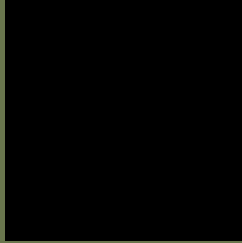
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 69764D Background



This preview shows how black text looks on a background with the Hex color 69764D.



This preview shows how white text looks on a background with the Hex color 69764D.

# 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**  
69764D

**Protanopia**  
7A714B

**Deuteranopia**  
866C4F



**Tritanopia**  
6F7179

# Trichromacy



**Original Color**  
69764D

**Protanomaly**  
74734C

**Deuteranomaly**  
7B704E

**Tritanomaly**  
6D7369

# Monochromacy



**Original Color**  
69764D

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
6C7061

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69764D 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 #69764D looks like.

```
.text, #text, p{  
    color:#69764D  
}
```

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 #69764D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69764D
}
```

## Border

The CSS property to change the border of an element to Hex 69764D 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
#69764D }
```

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

```
.border{ border-color:#69764D }
```

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

Here you see how a box with a 4 pixel #69764D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69764D; -webkit-box-shadow:4px 4px  
4px 4px #69764D; box-shadow:4px 4px 4px  
4px #69764D }
```

# Background

The CSS property to change the background color of an element to Hex 69764D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69764D }
```

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

```
.background{ background-color:#69764D }
```

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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