

# Converting Colors

Hex(70764A)

Have a look what the booklet for  
Hex(70764A) contains.

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**Color**

**Hex(70764A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70764A
RGB	112, 118, 74
RGB Percent	44%, 46%, 29%
CMY	0.5608, 0.5373, 0.7098
CMYK	0.05, 0.00, 0.37, 0.54
HSL	68°, 23%, 38%
HSV	68°, 37%, 46%
XYZ	14.3966, 16.8960, 8.9810
YIQ	111.1900, 10.5480, -14.9560

# Conversions

## Conversions Part 2

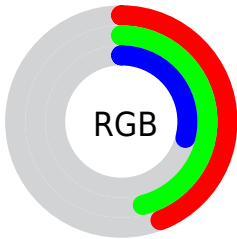
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 118, 80
Decimal	7370314
CIELab	48.13, -9.89, 23.51
CIELCh	48, 25.502, 112.815
Yxy	16.8960, 0.3575, 0.4195
Android (android.graphics.Color)	4285560394 (0xFF70764A)
YUV	111.1900, -18.3347, 0.7104
Hunter-Lab	41.1048, -9.4154, 15.8190

# Details

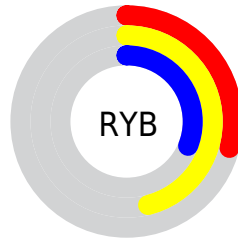
The Hex color **70764A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **504A76**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **A4AA7B**, and **3F461D** is the 20% darker color. If you saturate the color by 10%, you get **6E763E**, and if you desaturate by 10%, it is **727656**.

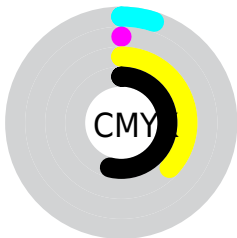
# Distribution



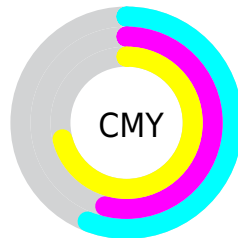
- Red (44%)
- Green (46%)
- Blue (29%)



- Red (29%)
- Yellow (46%)
- Blue (31%)



- Cyan (5%)
- Magenta (0%)
- Yellow (37%)
- Black (54%)



- Cyan (56%)
- Magenta (54%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70764A 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 70764A by changing the saturation by 10% instead.



 70764A

 70764A

FFFFFF

 575D33

 A4AA7B

 3F461D

 C0C595

 292F05

 DCE1B0

 121B00

 F9FECC

 000000

 FFFF E8

 70764A

 70764A

 6E763E

 727656

 6D7632

 737662

■ 6B7627

■ 75766D

■ 6A761B

■ 767679

■ 68760F

■ 787685

■ 667603

■ 7A7691

■ 667600

■ 7B769D

■ 7D76A8

■ 7E76B4

# Harmonies

## Analogous

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



866F48



70764A



577B58

# Triad

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



70764A



2D7B94



996278

# Complementary

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



70764A



504A76

# 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.



89678C



70764A



4C769D

# Square

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



70764A



277E82



6E6F9A



9D6363

# Rectangle

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



70764A



467D65



6E6F9A



95637F



# Sweetspot

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



70764A



979988



76504A



4B4D43



CCCCCC



4D4D4D



# Same Dimension

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



70764A



909954



5A764A



3A3B35



6A7A00



D8FA00



# Inverse Universe

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



504A76



5E5499



664A76



36353B



11007A



2200FA



# Previews

## White Background



This preview shows how the Hex color 70764A looks on a white background.

## Color Contrast Check

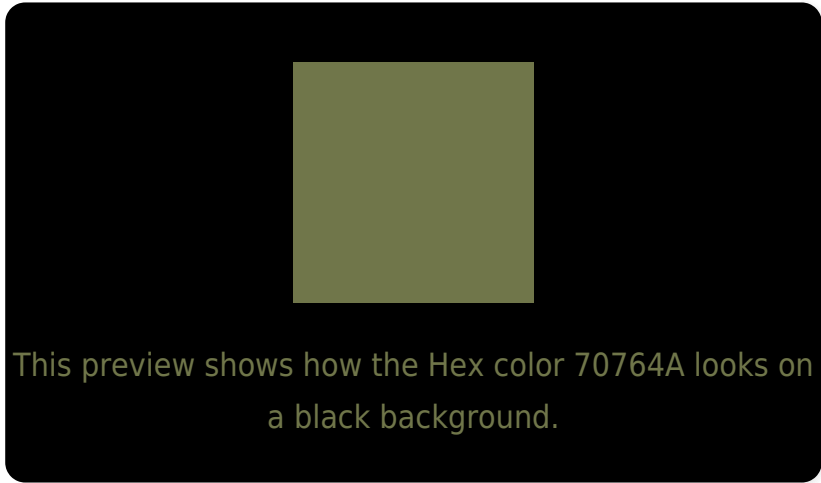
Large Text (above 18pt) WCAG AA ✓ Pass

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

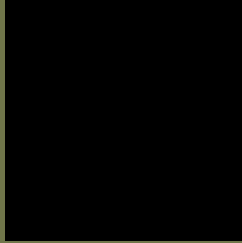
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 70764A Background



This preview shows how black text looks on a background with the Hex color 70764A.



This preview shows how white text looks on a background with the Hex color 70764A.

# 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**  
70764A

**Protanopia**  
7C7248

**Deuteranopia**  
896D4C



**Tritanopia**  
767079

# Trichromacy



**Original Color**  
70764A

**Protanomaly**  
787349

**Deuteranomaly**  
80704B

**Tritanomaly**  
747268

# Monochromacy



**Original Color**  
70764A

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
6F7262

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70764A 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 #70764A looks like.

```
.text, #text, p{  
    color:#70764A  
}
```

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 #70764A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70764A
}
```

## Border

The CSS property to change the border of an element to Hex 70764A 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
#70764A }
```

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

```
.border{ border-color:#70764A }
```

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

Here you see how a box with a 4 pixel #70764A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70764A; -webkit-box-shadow:4px 4px  
4px 4px #70764A; box-shadow:4px 4px 4px  
4px #70764A }
```

# Background

The CSS property to change the background color of an element to Hex 70764A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70764A }
```

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

```
.background{ background-color:#70764A }
```

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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