

# Converting Colors

Hex(75764A)

Have a look what the booklet for  
Hex(75764A) contains.

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**Color**

**Hex(75764A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75764A
RGB	117, 118, 74
RGB Percent	46%, 46%, 29%
CMY	0.5412, 0.5373, 0.7098
CMYK	0.01, 0.00, 0.37, 0.54
HSL	61°, 23%, 38%
HSV	61°, 37%, 46%
XYZ	15.0506, 17.2332, 9.0117
YIQ	112.6850, 13.5280, -13.8960

# Conversions

## Conversions Part 2

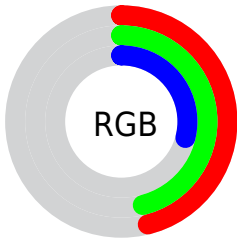
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 118, 75
Decimal	7697994
CIELab	48.55, -7.74, 24.14
CIELCh	49, 25.349, 107.776
Yxy	17.2332, 0.3645, 0.4173
Android (android.graphics.Color)	4285888074 (0xFF75764A)
YUV	112.6850, -19.0717, 3.7843
Hunter-Lab	41.5129, -7.9320, 16.1883

# Details

The Hex color **75764A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4B4A76**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **AAAA7B**, and **44461D** is the 20% darker color. If you saturate the color by 10%, you get **75763E**, and if you desaturate by 10%, it is **757656**.

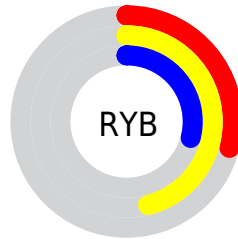
# Distribution



Red (46%)

Green (46%)

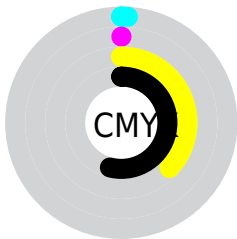
Blue (29%)



Red (29%)

Yellow (46%)

Blue (29%)

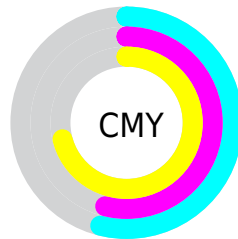


Cyan (1%)

Magenta (0%)

Yellow (37%)

Black (54%)



Cyan (54%)

Magenta (54%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75764A 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 75764A by changing the saturation by 10% instead.



 75764A

 75764A

FFFFFF

 5C5D33


 AAAA7B

 44461D

 C5C595

 2D3005

 E2E1B0

 171B00

 FEFECC

 000000

 FFFF E8

 75764A

 75764A

 75763E

 757656

 747632

 767662

 747627

 76766D

 74761B

 767679

 74760F

 767685

 737603

 777691

 737600

 77769D

 7776A8

 7776B4

# Harmonies

## Analogous

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



8A6F4A



75764A



5D7B56

# Triad

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



75764A



2C7D92



98647D

# Complementary

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



75764A



4B4A76

# 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.



866990



75764A



48789D

# Square

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



75764A



2C7F80



6A719C



9E6367

# Rectangle

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



75764A



4B7E62



6A719C



936584



# Sweetspot

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



75764A



999988



764B4A



4C4D43



CCCCCC



4D4D4D



# Same Dimension

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



75764A



979954



5F764A



3B3B35



787A00



F4FA00



# Inverse Universe

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



4B4A76



565499



614A76



35353B



03007A



0600FA



# Previews

## White Background



This preview shows how the Hex color 75764A looks on a white background.

## Color Contrast Check

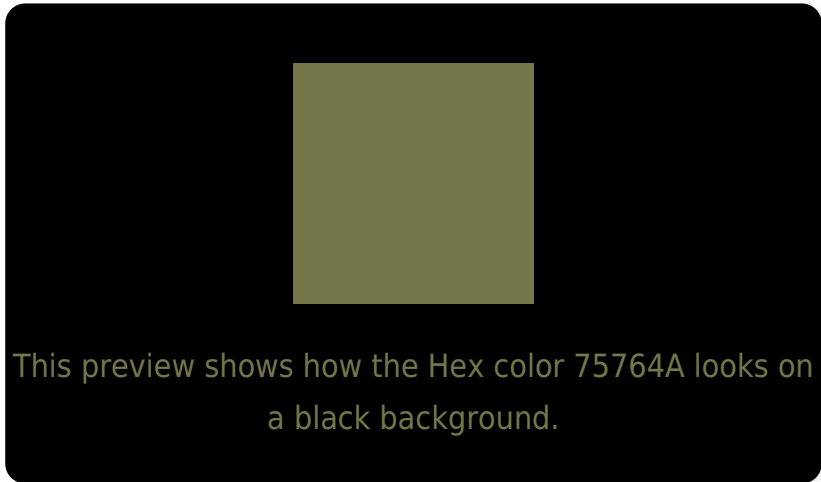
Large Text (above 18pt) WCAG AA ✓ Pass

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

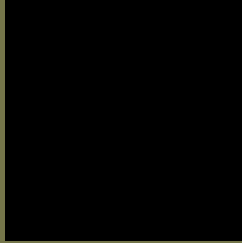
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 75764A Background



This preview shows how black text looks on a background with the Hex color 75764A.



This preview shows how white text looks on a background with the Hex color 75764A.

# 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**  
75764A

**Protanopia**  
7E7349

**Deuteranopia**  
8A6E4C



**Tritanopia**  
7B7079

# Trichromacy



**Original Color**  
75764A

**Protanomaly**  
7B7449

**Deuteranomaly**  
82714B

**Tritanomaly**  
797268

# Monochromacy



**Original Color**  
75764A

**Achromatopsia**  
717171

**Achromatomaly**  
727363

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75764A 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 #75764A looks like.

```
.text, #text, p{  
    color:#75764A  
}
```

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 #75764A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75764A
}
```

## Border

The CSS property to change the border of an element to Hex 75764A 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
#75764A }
```

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

```
.border{ border-color:#75764A }
```

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

Here you see how a box with a 4 pixel #75764A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75764A; -webkit-box-shadow:4px 4px  
4px 4px #75764A; box-shadow:4px 4px 4px  
4px #75764A }
```

# Background

The CSS property to change the background color of an element to Hex 75764A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75764A }
```

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

```
.background{ background-color:#75764A }
```

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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