

# Converting Colors

Hex(765A47)

Have a look what the booklet for  
Hex(765A47) contains.

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**Color**

**Hex(765A47)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	765A47
RGB	118, 90, 71
RGB Percent	46%, 35%, 28%
CMY	0.5373, 0.6471, 0.7216
CMYK	0.00, 0.24, 0.40, 0.54
HSL	24°, 25%, 37%
HSV	24°, 40%, 46%
XYZ	12.2647, 11.6188, 7.5575
YIQ	96.2060, 22.7870, 0.0270

# Conversions

## Conversions Part 2

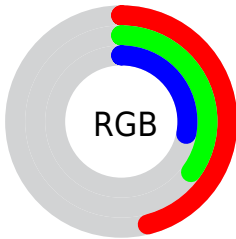
<b>Format</b>	<b>Color</b>
<b>RYB</b>	118, 103, 71
Decimal	7756359
CIELab	40.60, 8.68, 15.40
CIELCh	41, 17.678, 60.586
Yxy	11.6188, 0.3901, 0.3695
Android (android.graphics.Color)	4285946439 (0xFF765A47)
YUV	96.2060, -12.4266, 19.1133
Hunter-Lab	34.0864, 4.5754, 10.7150

# Details

The Hex color **765A47** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **476376**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **AB8C78**, and **442C1B** is the 20% darker color. If you saturate the color by 10%, you get **76533B**, and if you desaturate by 10%, it is **766153**.

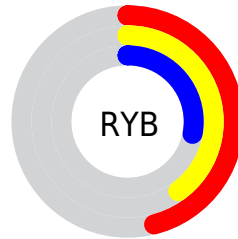
# Distribution



Red (46%)

Green (35%)

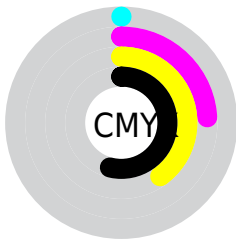
Blue (28%)



Red (46%)

Yellow (40%)

Blue (28%)

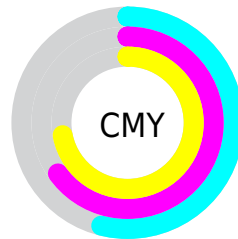


Cyan (0%)

Magenta (24%)

Yellow (40%)

Black (54%)



Cyan (54%)

Magenta (65%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 765A47 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 765A47 by changing the saturation by 10% instead.



 765A47

 765A47

FFFFFF

 5D4330

 AB8C78

 442C1B

 C7A691

 2D1802

 E3C2AC

 160000

 FFDEC7

 000000

 FFFAE3

 765A47

 765A47

 76533B

 766153

 764C2F

 76685F

■ 764524

■ 766F6A

■ 763E18

■ 767676

■ 76370C

■ 767D82

■ 763000

■ 76848E

■ 768B9A

■ 7692A5

■ 7699B1

# Harmonies

## Analogous

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



7C5652



765A47



6A5F43

# Triad

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



765A47



3B685F



625C79

# Complementary

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



765A47



476376

# 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.



4E617C



765A47



34676E

# Square

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



765A47



4A6651



3C6578



73576E

# Rectangle

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



765A47



606244



3C6578



5C5E7B



# Sweetspot

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



765A47



998E87



764763



4D4642



CCCCCC



4D4D4D



# Same Dimension

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



765A47



996D50



767147



3B3735



7A3100



FA6500



# Inverse Universe

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



476376



507B99



474C76



35383B



00497A

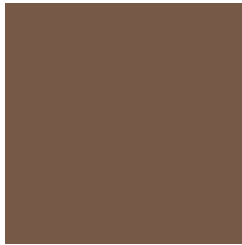


0095FA



# Previews

## White Background



This preview shows how the Hex color 765A47 looks on a white background.

## Color Contrast Check

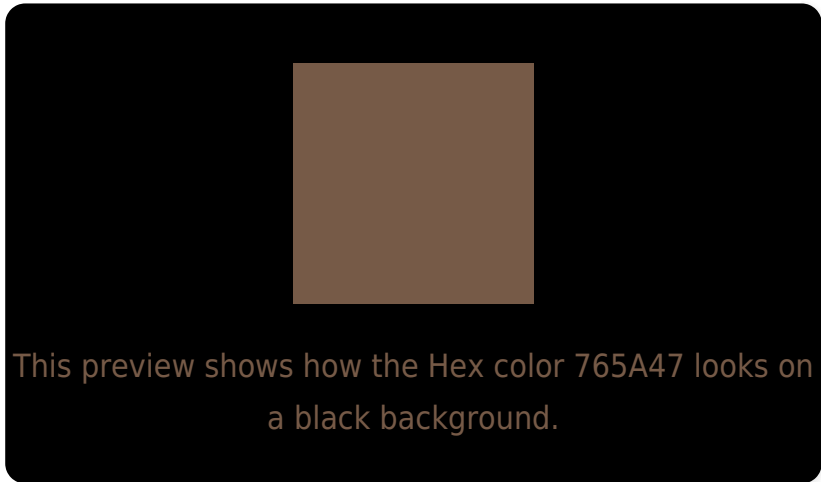
Large Text (above 18pt) WCAG AA ✓ Pass

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

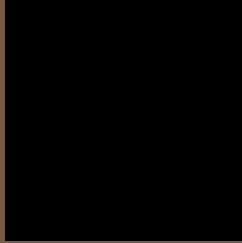
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 765A47 Background



This preview shows how black text looks on a background with the Hex color 765A47.



This preview shows how white text looks on a background with the Hex color 765A47.

# 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**  
765A47

**Protanopia**  
66604A

**Deuteranopia**  
715C47



**Tritanopia**  
78575E

# Trichromacy



**Original Color**  
765A47

**Protanomaly**  
6C5E49

**Deuteranomaly**  
735B47

**Tritanomaly**  
775856

# Monochromacy



**Original Color**  
765A47

**Achromatopsia**  
606060

**Achromatomaly**  
685E57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 765A47 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 #765A47 looks like.

```
.text, #text, p{  
    color:#765A47  
}
```

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 #765A47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #765A47
}
```

## Border

The CSS property to change the border of an element to Hex 765A47 is called "border". The border property can be set on classes, ids or directly on the HTML element.

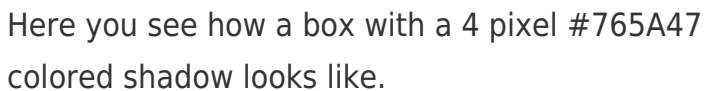
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#765A47 }
```

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

```
.border{ border-color:#765A47 }
```

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



Here you see how a box with a 4 pixel #765A47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #765A47; -webkit-box-shadow:4px 4px  
4px 4px #765A47; box-shadow:4px 4px 4px  
4px #765A47 }
```

# Background

The CSS property to change the background color of an element to Hex 765A47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#765A47 }
```

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

```
.background{ background-color:#765A47 }
```

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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