

# Converting Colors

Hex(765A42)

Have a look what the booklet for  
Hex(765A42) contains.

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**Color**

**Hex(765A42)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	765A42
RGB	118, 90, 66
RGB Percent	46%, 35%, 26%
CMY	0.5373, 0.6471, 0.7412
CMYK	0.00, 0.24, 0.44, 0.54
HSL	28°, 28%, 36%
HSV	28°, 44%, 46%
XYZ	12.1107, 11.5572, 6.7467
YIQ	95.6360, 24.3920, -1.5280

# Conversions

## Conversions Part 2

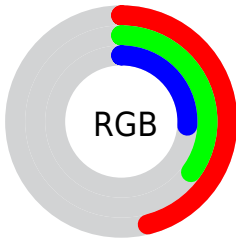
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 111, 66
Decimal	7756354
CIE <sub>Lab</sub>	40.50, 8.05, 18.28
CIE <sub>LCh</sub>	41, 19.973, 66.224
Yxy	11.5572, 0.3982, 0.3800
Android (android.graphics.Color)	4285946434 (0xFF765A42)
YUV	95.6360, -14.6105, 19.6132
Hunter-Lab	33.9959, 4.0962, 12.0306

# Details

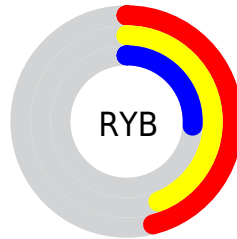
The Hex color **765A42** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **425E76**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **AB8C72**, and **442C17** is the 20% darker color. If you saturate the color by 10%, you get **765436**, and if you desaturate by 10%, it is **76604E**.

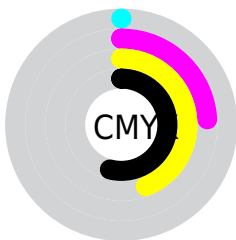
# Distribution



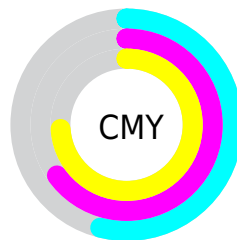
- Red (46%)
- Green (35%)
- Blue (26%)



- Red (46%)
- Yellow (44%)
- Blue (26%)



- Cyan (0%)
- Magenta (24%)
- Yellow (44%)
- Black (54%)



- Cyan (54%)
- Magenta (65%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 765A42 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 765A42 by changing the saturation by 10% instead.



 765A42

 765A42

FFFFFF

 5C432C

 AB8C72

 442C17

 C7A68C

 2D1800

 E4C2A6

 140000

 FFDDC1

 000000

 FFFADD

 FFFFFA

 765A42

 765A42

 765436

 76604E

■ 764D2A

■ 76675A

■ 76471F

■ 766D65

■ 764113

■ 767371

■ 763A07

■ 767A7D

■ 763600

■ 768089

■ 768695

■ 768DA0

■ 7693AC

# Harmonies

## Analogous

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



7F554D



765A42



68603F

# Triad

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



765A42



316962



665A7A

# Complementary

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



765A42



425E76

# 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.



4F6080



765A42



2B6872

# Square

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



765A42



436752



38657D



77556D

# Rectangle

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



765A42



5C6342



38657D



5F5C7D



# Sweetspot

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



765A42



998E85



76425F



4D4640



CCCCCC



4D4D4D



# Same Dimension

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



765A42



996D48



767342



3B3735



7A3800



FA7300



# Inverse Universe

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



425E76



487499



424576



35383B



00427A

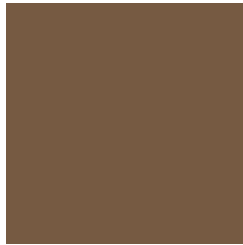


0087FA



# Previews

## White Background



This preview shows how the Hex color 765A42 looks on a white background.

## Color Contrast Check

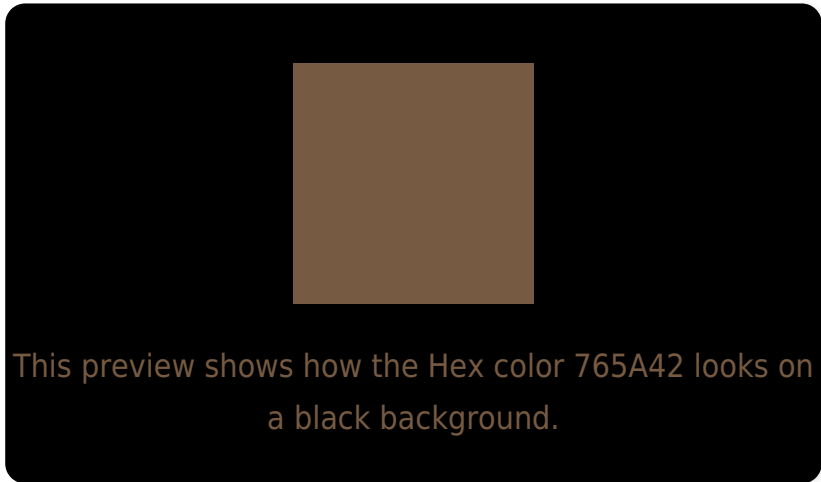
Large Text (above 18pt) WCAG AA ✓ Pass

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 765A42 Background



This preview shows how black text looks on a background with the Hex color 765A42.



This preview shows how white text looks on a background with the Hex color 765A42.

# 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**  
765A42

**Protanopia**  
676044

**Deuteranopia**  
725C42



**Tritanopia**  
79565D

# Trichromacy



**Original Color**  
765A42

**Protanomaly**  
6C5E43

**Deuteranomaly**  
735B42

**Tritanomaly**  
785753

# Monochromacy



**Original Color**  
765A42

**Achromatopsia**  
606060

**Achromatomaly**  
685E55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 765A42 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 #765A42 looks like.

```
.text, #text, p{  
    color:#765A42  
}
```

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 #765A42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #765A42
}
```

## Border

The CSS property to change the border of an element to Hex 765A42 is called "border". The border property can be set on classes, ids or directly on the HTML element.

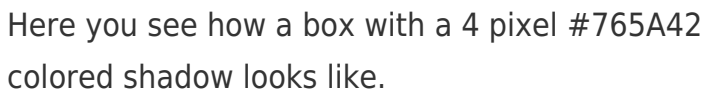
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#765A42 }
```

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

```
.border{ border-color:#765A42 }
```

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



Here you see how a box with a 4 pixel #765A42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #765A42; -webkit-box-shadow:4px 4px  
4px 4px #765A42; box-shadow:4px 4px 4px  
4px #765A42 }
```

# Background

The CSS property to change the background color of an element to Hex 765A42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#765A42 }
```

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

```
.background{ background-color:#765A42 }
```

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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